

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | SLAMF8                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms                     | BLAME;CD353;SBB142                                                                                                                                                                                                                                                                                                                                                                                                       |
| Description                  | Recombinant Human SLAMF8 Protein with C-terminal 6×His tag                                                                                                                                                                                                                                                                                                                                                               |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Uniprot ID                   | Q9P0V8                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tag                          | C-6×His Tag                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molecular Characterization   | SLAMF8(Ala23-Asp233) 6×His tag                                                                                                                                                                                                                                                                                                                                                                                           |
| Molecular Weight             | The protein has a predicted molecular mass of 24.2 kDa after removal of the signal peptide. The apparent molecular mass of SLAMF8-His is approximately 25-35 kDa due to glycosylation.                                                                                                                                                                                                                                   |
| Purity                       | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                     |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                         |
| Storage & Shipping           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                                      |
| Background                   | This gene encodes a member of the CD2 family of cell surface proteins involved in lymphocyte activation. These proteins are characterized by Ig domains. This protein is expressed in lymphoid tissues, and studies of a similar protein in mouse suggest that it may function during B cell lineage commitment. The gene is found in a region of chromosome 1 containing many CD2 genes. [provided by RefSeq, Jul 2008] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                        |



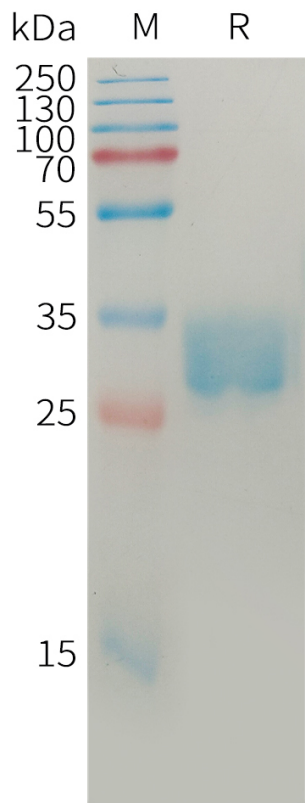


Figure 1. Human SLAMF8 Protein, His Tag on SDS-PAGE under reducing condition.

