

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | CDH19                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms                     | CDH7;CDH7L2                                                                                                                                                                                                                                                                                                                                                                                       |
| Description                  | Recombinant Human CDH19 Protein with C-terminal 6×His tag                                                                                                                                                                                                                                                                                                                                         |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                                                                                                                          |
| Uniprot ID                   | Q9H159                                                                                                                                                                                                                                                                                                                                                                                            |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                            |
| Tag                          | C-6×His Tag                                                                                                                                                                                                                                                                                                                                                                                       |
| Molecular Characterization   | CDH19(Gly44-Thr595) 6×His tag                                                                                                                                                                                                                                                                                                                                                                     |
| Molecular Weight             | The protein has a predicted molecular mass of 62.8 kDa after removal of the signal peptide.                                                                                                                                                                                                                                                                                                       |
| 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 is one of three related type II cadherin genes situated in a cluster on chromosome 18. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein containing five extracellular cadherin repeats. Loss of cadherins may be associated with cancer formation. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Aug 2012] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                 |



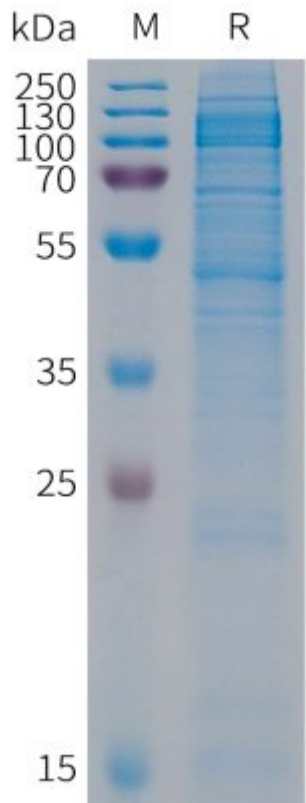


Figure 1.Human CDH19 Protein, His Tag on SDS-PAGE under reducing condition.

