

PRODUCT INFORMATION

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| Target | TMEM173 |
| Synonyms | ERIS;hMITA;hSTING;MITA;MPYS;NET23;SAVI;STING;STING-beta;TMEM173 |
| Description | Recombinant human TMEM173 protein with N-terminal Human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q86WV6 |
| Expression Host | HEK293 |
| Tag | N-Human Fc Tag |
| Molecular Characterization | hFc(Glu99-Ala330) TMEM173 (Leu139-Ser379) |
| Molecular Weight | The protein has a predicted molecular mass of 53.2 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 90% 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 five transmembrane protein that functions as a major regulator of the innate immune response to viral and bacterial infections. The encoded protein is a pattern recognition receptor that detects cytosolic nucleic acids and transmits signals that activate type I interferon responses. The encoded protein has also been shown to play a role in apoptotic signaling by associating with type II major histocompatibility complex. Mutations in this gene are the cause of infantile-onset STING-associated vasculopathy. Alternate splicing results in multiple transcript variants. |
| Usage | Research use only |
| Conjugate | Unconjugated |



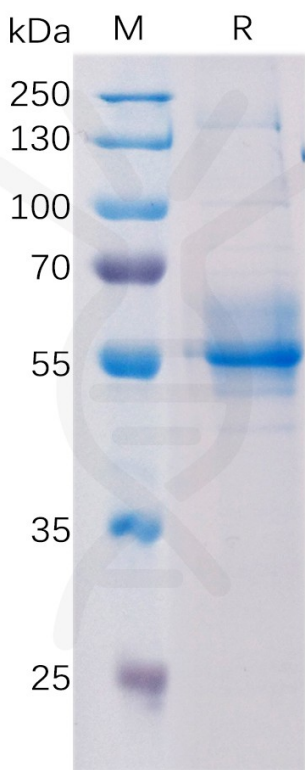


Figure 1. Human TMEM173 Protein, hFc Tag on SDS-PAGE under reducing condition.

