

## 32-18252: Human TMEM173 Protein, hFc Tag

**Uniprot ID :** Q86WV6

**Alternative Name :** ERIS;hMITA;hSTING;MITA;MPYS;NET23;SAVI;STING;STING-beta;TMEM173

### Description

**Description :** Recombinant human TMEM173 protein with N-terminal Human Fc tag

**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.

**Molecular Characterization:** mass of 53.2 kDa after removal of the signal peptide.

**Tag :** N-Human Fc Tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.

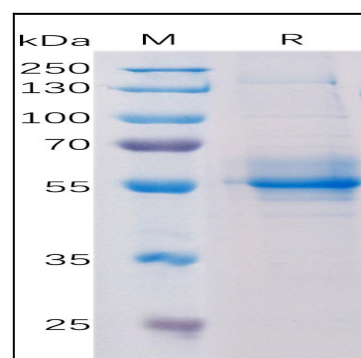


Figure 1. Human TMEM173 Protein, hFc Tag on SDS-PAGE under reducing condition.