

## PRODUCT INFORMATION

<b>Target</b>	TMEM173
<b>Synonyms</b>	ERIS;hMITA;hSTING;MITA;MPYS;NET23;SAVI;STING;STING-beta;TMEM173
<b>Description</b>	Recombinant human TMEM173 protein with N-terminal Human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q86WV6
<b>Expression Host</b>	HEK293
<b>Tag</b>	N-Human Fc Tag
<b>Molecular Characterization</b>	hFc(Glu99-Ala330) TMEM173 (Leu139-Ser379)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 53.2 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



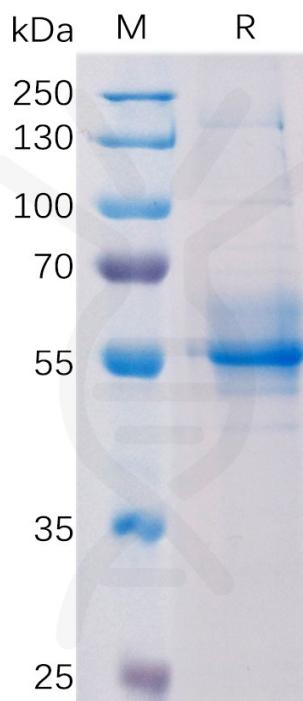


Figure 1. Human TMEM173 Protein, hFc Tag on SDS-PAGE under reducing condition.

