

## HUMAN TMEM173 PROTEIN, HFC TAG

货号: 11342

产品全名: 人 TMEM173 蛋白

规格: 10/50/100 µg

基因符号 ERIS;hMITA;hSTING;MITA;MPYS;NET23;SAVI;STING;STING-beta;TMEM173

目标蛋白: TMEM173

**UNIPROT ID:** Q86WV6

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

**背景:** 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.

**物种/宿主:** HEK293

**分子量:** The protein has a predicted molecular mass of 53.2 kDa after removal of the signal peptide.

**分子特征:** hFc(Glu99-Ala330) TMEM173 (Leu139-Ser379)

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

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** 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.

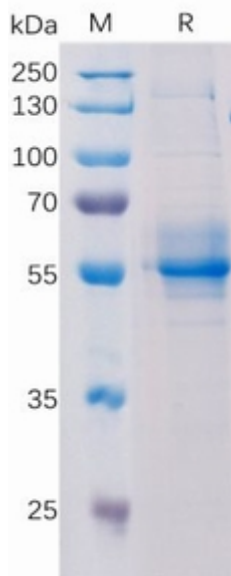


Figure 1. Human TMEM173 Protein, hFc Tag on SDS-PAGE under reducing condition.