

## Product datasheet for **TP724151**

### Human TMEM173 Protein, hFc Tag

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Human TMEM173 Protein, hFc Tag
<b>Expression Host:</b>	HEK293
<b>Tag:</b>	N-Human Fc
<b>Predicted MW:</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>Reconstitution Method:</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
<b>Storage:</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>Stability:</b>	12 months from date of despatch
<b>Summary:</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.



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