

## Recombinant Human TMEM173 Protein, MYC/DDK-tagged

Cat. No. TMEM173-284H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human TMEM173 fused with MYC/DDK tag at C-terminal was expressed in HEK293.

**Species** Human

**Source** HEK293

**Description** 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.

**Form** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

**Molecular Mass** 42 kDa

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** >50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Gene Name</b>	TMEM173 transmembrane protein 173 [ Homo sapiens ]
<b>Official Symbol</b>	TMEM173
<b>Synonyms</b>	TMEM173; transmembrane protein 173; FLJ38577; NET23; hMITA; hSTING; mediator of IRF3 activation; endoplasmic reticulum IFN stimulator; stimulator of interferon genes protein; mitochondrial mediator of IRF3 activation; endoplasmic reticulum interferon stimulator; N-terminal methionine-proline-tyrosine-serine plasma membrane tetraspanner; ERIS; MITA; MPYS; STING;
<b>Gene ID</b>	340061
<b>mRNA Refseq</b>	NM_198282
<b>Protein Refseq</b>	NP_938023
<b>MIM</b>	612374
<b>UniProt ID</b>	Q86WV6

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