

## Recombinant Rat Tmem173 protein, His & T7-tagged

**Cat. No.** Tmem173-1438R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Tmem173 aa. (Ala160~Leu363 (Accession # F1M391)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala160~Leu363
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.9kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

 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

-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 6.4

## GENE INFORMATION

**Gene Name** Tmem173 transmembrane protein 173 [ Rattus norvegicus (Norway rat) ]

**Official Symbol** Tmem173

**Synonyms** Tmem173; transmembrane protein 173; rSTING; RGD1562552; stimulator of interferon genes protein; mitochondrial transmembrane protein 173

**Gene ID** 498840

**mRNA Refseq** NM\_001109122.1

**Protein Refseq** NP\_001102592.1

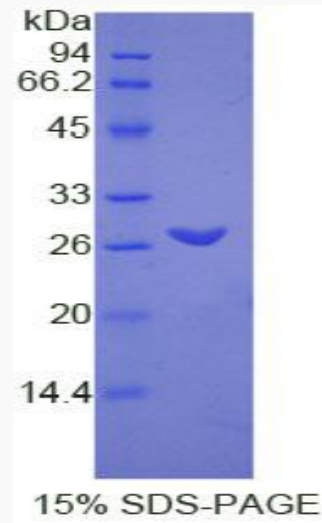
**UniProt ID** F1M391

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SDS-PAGE



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