

Recombinant Mouse Tmem173 protein, His-tagged

Cat. No. Tmem173-1437M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tmem173 aa. (Trp160~Leu371) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Trp160~Leu371
Form	Freeze-dried powder
Molecular Mass	28kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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	-80°C for 12 months.
Concentration	200µg/mL
Storage buffer	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	5.2

GENE INFORMATION

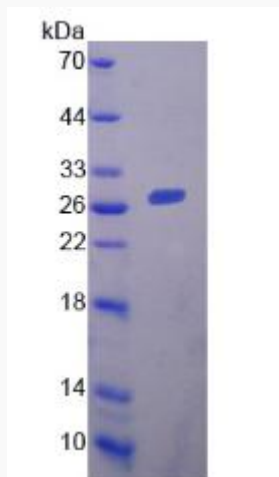
Gene Name	Tmem173 transmembrane protein 173 [Mus musculus (house mouse)]
Official Symbol	Tmem173
Synonyms	Tmem173; transmembrane protein 173; ERIS; MPYS; Mita; STING; 2610307O08Rik; stimulator of interferon genes protein; endoplasmic reticulum interferon stimulator; mediator of IRF3 activation; mitochondrial mediator of IRF3 activation
Gene ID	72512
mRNA Refseq	NM_001289591.1
Protein Refseq	NP_001276520.1
UniProt ID	Q3TBT3

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SDS-PAGE



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