

Recombinant Mouse Tmem173 protein, His-tagged

Cat. No. Tmem173-92M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tmem173(Trp160~Leu371) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Trp160~Leu371
Description	Tmem173 played an important role in many functions.
Source	E. coli
Species	Mouse
Tag	His
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	27.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	SDS-PAGE; WB; ELISA; IP
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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Tmem173 transmembrane protein 173 [Mus musculus]
Official Symbol	Tmem173
Synonyms	TMEM173; transmembrane protein 173; MMITA; mSTING; mediator of IRF3 activation; stimulator of interferon genes protein; mitochondrial mediator of IRF3 activation; endoplasmic reticulum interferon stimulator; ERIS; MPYS; Mita; STING; 2610307O08Rik;
Gene ID	72512
mRNA Refseq	NM_028261
Protein Refseq	NP_082537
UniProt ID	Q3TBT3

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Chromosome Location	18 B2; 18
Pathway	Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; RIG-I-like receptor signaling pathway, organism-specific biosystem; RIG-I-like receptor signaling pathway, conserved biosystem;
Function	protein homodimerization activity; protein kinase binding; transcription factor binding; ubiquitin protein ligase binding;

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