

Transmembrane Protein 173 (TMEM173) Recombinant Protein | TMEM173 recombinant protein

Recombinant Transmembrane Protein 173 (TMEM173)

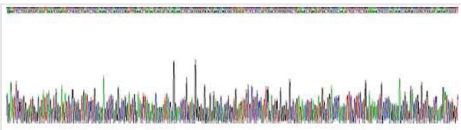
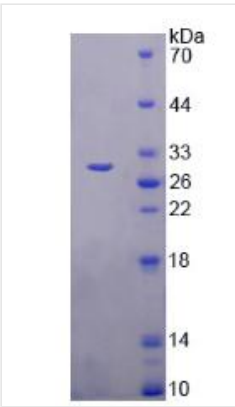
CATALOG # AAA20211	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Transmembrane Protein 173 (TMEM173); Recombinant Transmembrane Protein 173 (TMEM173); TMEM173 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for TMEM173 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Leu159~Pro373
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.8
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.



Gene Sequencing (Extract)

SDS-PAGE

LA WSYIIGYLR ILPELQARIR TYNQHYNNLL RGAVSQRLYI
LLPLDCGVDP NLSMADPNIR FLDKLPQQTG DHAGIKDRVY SNSIYELLEN
GQRAGTCVLE YATPLQTLFA MSQYSQAGFS REDRLEQAKL FCRTLEDILA
DAPESQNNCR LIAYQEPADD SSFSLSQEVL RHLRQEEKEE VTVGSLK TSA
VPSTSTMSQE PELLISGMEK PLP

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	38093659
NCBI GeneID	340061
NCBI GenBank Nucleotide #	NM_198282.2
Molecular Weight	Predicted Molecular Mass: 28.2kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	stimulator of interferon genes protein
NCBI Official Synonym Full Names	transmembrane protein 173
NCBI Official Symbol	TMEM173
NCBI Official Synonym Symbols	ERIS; MITA; MPYS; NET23; STING
NCBI Protein Information	stimulator of interferon genes protein; hMITA; hSTING; mediator of IRF3 activation; endoplasmic reticulum IFN stimulator; mitochondrial mediator of IRF3 activation; endoplasmic reticulum interferon stimulator; N-terminal methionine-proline-tyrosine-serine plasma membrane tetraspanner
UniProt Protein Name	Stimulator of interferon genes protein
UniProt Gene Name	TMEM173
UniProt Synonym Gene Names	ERIS; MITA; STING; hSTING; ERIS; hMITA
UniProt Entry Name	STING_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.