

Recombinant Full Length Human TIMM13 Protein, Flag tagged

Cat. No. TIMM13-12HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human translocase of inner mitochondrial membrane 13 homolog (yeast) (TIMM13), nuclear gene encoding mitochondrial protein with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-95 aa
Description	This gene encodes a member of the evolutionarily conserved TIMM (translocase of inner mitochondrial membrane) family of proteins that function as chaperones in the import of proteins from the cytoplasm into the mitochondrial inner membrane. Proteins of this family play a role in collecting substrate proteins from the translocase of the outer mitochondrial membrane (TOM) complex and delivering them to either the sorting and assembly machinery in the outer mitochondrial membrane (SAM) complex or the TIMM22 complex in the inner mitochondrial membrane. The encoded protein and the translocase of mitochondrial inner membrane 8a protein form a 70 kDa complex in the intermembrane space.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	10.3 kDa
AASequence	MEGGFGSDFGGSGSGKLDPLIMEQVKVQIAVANAQELLQRMTDKCFRKCIGKPG

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GSLDNSEQKCIAMCMDRYMDAWNTVSRAYNSRLQRRERANMTRTRPLEQKLISEED
LAANDILDYKDDDDKV

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

Notes For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration >0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name TIMM13 translocase of inner mitochondrial membrane 13 homolog (yeast) [Homo sapiens (human)]

Official Symbol TIMM13

Synonyms TIMM13; translocase of inner mitochondrial membrane 13 homolog (yeast); TIMM13B, translocase of inner mitochondrial membrane 13 (yeast) homolog B; mitochondrial import inner membrane translocase subunit Tim13; Tim13; mitochondrial import inner membrane translocase subunit Tim13B; ppv1; TIM13; TIM13B; TIMM13A; TIMM13B;

Gene ID 26517

mRNA Refseq NM_012458

Protein Refseq NP_036590

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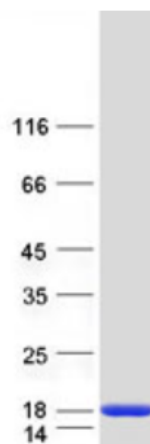
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MIM 607383

UniProt ID Q9Y5L4

SDS-PAGE



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