Recombinant Human TIMM13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TIMM13-4618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TIMM13 MS Standard C13 and N15-labeled recombinant protein (NP_036590) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	10.5 kDa
AA Sequence	MEGGFGSDFGGSGSGKLDPGLIMEQVKVQIAVANAQELLQRMTDKCFRKCIGKPG GSLDNSEQKCIAMCMDRYMDAWNTVSRAYNSRLQRERANMTRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

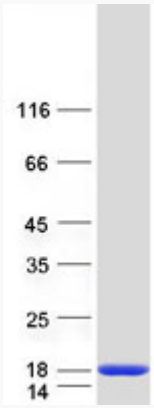
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TIMM13 translocase of inner mitochondrial membrane 13 [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
MIM	607383
UniProt ID	Q9Y5L4

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SDS-PAGE	

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