

Recombinant Mouse Timm8b Protein, Myc/DDK-tagged

Cat. No. Timm8b-6435M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length translocase of inner mitochondrial membrane 8B (Timm8b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable mitochondrial intermembrane chaperone that participates in the import and insertion of some multi-pass transmembrane proteins into the mitochondrial inner membrane. Also required for the transfer of beta-barrel precursors from the TOM complex to the sorting and assembly machinery (SAM complex) of the outer membrane. Acts as a chaperone-like protein that protects the hydrophobic precursors from aggregation and guide them through the mitochondrial intermembrane space.
Molecular Mass	9.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Timm8b translocase of inner mitochondrial membrane 8B [Mus musculus (house mouse)]
Official Symbol	Timm8b
Synonyms	TIMM8B; translocase of inner mitochondrial membrane 8 homolog b (yeast); mitochondrial import inner membrane translocase subunit Tim8 B; deafness dystonia protein 2 homolog; Tim8b
Gene ID	30057
mRNA Refseq	NM_013897
Protein Refseq	NP_038925
UniProt ID	P62077

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