

Recombinant Mouse Timm10 Protein, Myc/DDK-tagged

Cat. No. Timm10-6431M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length translocase of inner mitochondrial membrane 10 (Timm10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mitochondrial intermembrane chaperone that participates in the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. May also be 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	10.8 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 Timm10 translocase of inner mitochondrial membrane 10 [Mus musculus (house mouse)]

Official Symbol Timm10

Synonyms Timm10; translocase of inner mitochondrial membrane 10; Tim1; Tim13; Timm1; Timm13a; mitochondrial import inner membrane translocase subunit Tim10; translocase of inner mitochondrial membrane 10 homolog; translocase of inner mitochondrial membrane 13 homolog a

Gene ID 30059

mRNA Refseq NM_013899

Protein Refseq NP_038927

UniProt ID P62073

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