

Recombinant Mouse Timm10b Protein, Myc/DDK-tagged

Cat. No. Timm10b-6432M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length translocase of inner mitochondrial membrane 10B (Timm10b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. The TIM22 complex forms a twin-pore translocase that uses the membrane potential as the external driving force. In the TIM22 complex, it may act as a docking point for the soluble 70 kDa complex that guides the target proteins in transit through the aqueous mitochondrial intermembrane space.
Molecular Mass	11.3 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 Timm10b translocase of inner mitochondrial membrane 10B [Mus musculus (house mouse)]

Official Symbol Timm10b

Synonyms Timm10b; translocase of inner mitochondrial membrane 10B; Fxc1; Tim9; Tim10; Tim9b; Tim10b; mitochondrial import inner membrane translocase subunit Tim10 B; Fracture Callus 1; fractured callus 1; fractured callus expressed transcript 1; mitochondrial import inner membrane translocase subunit Tim9 B; small zinc finger-like protein

Gene ID 14356

mRNA Refseq NM_019502

Protein Refseq NP_062375

UniProt ID Q9WV96

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