

Recombinant Mouse Tomm34 Protein, Myc/DDK-tagged

Cat. No. Tomm34-6583M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length translocase of outer mitochondrial membrane 34 (Tomm34), transcript variant Tom34b, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the import of cytosolically synthesized preproteins into mitochondria. Binds the mature portion of precursor proteins. Interacts with cellular components, and possesses weak ATPase activity. May be a chaperone-like protein that helps to keep newly synthesized precursors in an unfolded import compatible state.
Molecular Mass	34.3 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tomm34 translocase of outer mitochondrial membrane 34 [Mus musculus (house mouse)]
Official Symbol	Tomm34
Synonyms	TOMM34; translocase of outer mitochondrial membrane 34; mitochondrial import receptor subunit TOM34; translocase of outer membrane 34 kDa subunit; translocase of outer mitochondrial membrane 34a; translocase of outer mitochondrial membrane 34b; Tom34a, translocase of outer mitochondrial membrane 34a; Tom34b, translocase of outer mitochondrial membrane 34b; TOM34; Tomm34a; Tomm34b; 2610100K07Rik
Gene ID	67145
mRNA Refseq	NM_025996
Protein Refseq	NP_080272
UniProt ID	Q9CYG7

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