

Recombinant Mouse Tomm20 Protein, Myc/DDK-tagged

Cat. No. Tomm20-6581M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length translocase of outer mitochondrial membrane 20 (Tomm20), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Central component of the receptor complex responsible for the recognition and translocation of cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore. Required for the translocation across the mitochondrial outer membrane of cytochrome P450 monooxygenases.
Molecular Mass	16.3 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	Tomm20 translocase of outer mitochondrial membrane 20 [Mus musculus (house mouse)]
Official Symbol	Tomm20
Synonyms	TOMM20; translocase of outer mitochondrial membrane 20 homolog (yeast); mitochondrial import receptor subunit TOM20 homolog; mitochondrial 20 kDa outer membrane protein; outer mitochondrial membrane receptor Tom20; MAS20; MOM19; TOM20; Gm19268; BB284719; mKIAA0016; MGC6333; 1810060K07Rik; MGC117642
Gene ID	67952
mRNA Refseq	NM_024214
Protein Refseq	NP_077176
UniProt ID	Q9DCC8

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