

## Recombinant Mouse Tomm20 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length translocase of outer mitochondrial membrane 20 (Tomm20), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	16.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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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