

Recombinant Human TOMM20 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TOMM20-443H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TOMM20 MS Standard C13 and N15-labeled recombinant protein (NP_055580) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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
AA Sequence	MVGRNSAIAAGVCGALFIGYCIYFDRKRRSDPNFKNRLRERRKKQKLAKERAGLSKL PDLKDAEAVQKFFLEEIQLGEELLAQGEYEKGV DHLTNAIAVCGQPQQLLQVLQQT PPPVFQMLLTKLPTISQRIVSAQSLAEDDVETRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TOMM20 translocase of outer mitochondrial membrane 20 [Homo sapiens (human)]

Official Symbol TOMM20

Synonyms TOMM20; translocase of outer mitochondrial membrane 20 homolog (yeast); mitochondrial import receptor subunit TOM20 homolog; KIAA0016; MAS20; MOM19; TOM20; translocase of outer mitochondrial membrane 20 homolog type II; mitochondrial 20 kDa outer membrane protein; outer mitochondrial membrane receptor Tom20; MGC117367

Gene ID 9804

mRNA Refseq NM_014765

Protein Refseq NP_055580

MIM 601848

UniProt ID Q15388

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