

Recombinant Human TOMM34 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TOMM34-4966H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TOMM34 MS Standard C13 and N15-labeled recombinant protein (NP_006800) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is involved in the import of precursor proteins into mitochondria. The encoded protein has a chaperone-like activity, binding the mature portion of unfolded proteins and aiding their import into mitochondria. This protein, which is found in the cytoplasm and sometimes associated with the outer mitochondrial membrane, has a weak ATPase activity and contains 6 TPR repeats.
Molecular Mass	34.6 kDa
AA Sequence	MAPKFPDSVEELRAAGNESFRNGQYAEASALYGRALRVLQAQGSSDPEEESVLYS NRAACHLKDGNCRDCIKDCTSAALVPFSIKPLRRASAYEAEKYP MAYVDYKTVL QIDDNVTS AVEGINRMTRALMDSLGP EWRLKLPSIPLVPVSAQKRWNSLPSENHKE MAKSKSKETTATKNRVPSAGDVEKARVLKEEGNELVKKGNHKKAIKEYSESLCSNL ESATYSNRALCYLVLKQYTEAVKDC TEALKLDGKNVKAFYRRQA HKALKDYKSSFA DISNLLQIEPRNGPAQKLRQEVKQNLHTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling 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.

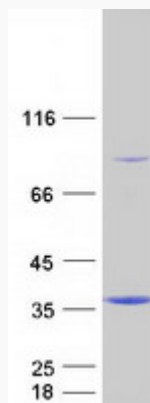
GENE INFORMATION

Gene Name	TOMM34 translocase of outer mitochondrial membrane 34 [Homo sapiens (human)]
Official Symbol	TOMM34
Synonyms	TOMM34; translocase of outer mitochondrial membrane 34; mitochondrial import receptor subunit TOM34; HTOM34P; outer mitochondrial membrane translocase (34kD); TOM34; hTom34; translocase of outer membrane 34 kDa subunit; URCC3;
Gene ID	10953
mRNA Refseq	NM_006809
Protein Refseq	NP_006800
MIM	616049
UniProt ID	Q15785

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SDS-PAGE

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