

Recombinant Human TOMM34, His-tagged

Cat. No. TOMM34-7638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TOMM34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-309aa
Description	TOMM34 is involved in the import of precursor proteins into mitochondria. The 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.?
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	36.9kDa (332aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAPKFPD SVEELRAAGN ESFRNGQYAE ASALYGRALR VLQAQGSSDP EEESVLYSNR AACHLKDGNC RDCIKDCTSA LALVPFSIKP LLRRASAYEA LEKYPMAYVD YKTVLQIDDN VTSAVEGINR MTRALMDSL G PEWRLKLPSI PLVPVSAQKR WNSLPSENHK EMAKSKSKET TATKNRVPSA GDVEKARVLK EEGNELVKKG NHKKAIEKYS ESLLCSNLES

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ATYSNRALCY LVLKQYTEAV KDCTEALKLD GKNVKAFYRR AQAHKALKDY
KSSFADISNL LQIEPRNGPA QKLRQEVKQN LH

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.25mg/ml?

GENE INFORMATION

Gene Name TOMM34 translocase of outer mitochondrial membrane 34 [Homo sapiens]

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](#)

UniProt ID [Q15785](#)

Chromosome Location 20q12-q13.1

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Function	binding; heat shock protein binding;
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