

Recombinant Human TOMM40, His-tagged

Cat. No. TOMM40-31537TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 55-361 of Human TOMM40 with N terminal His tag; Predicted MWt 34 kDa.
Species	Human
Source	E.coli
ProteinLength	55-361 a.a.
Description	TOMM40 is the channel-forming subunit of the translocase of the mitochondrial outer membrane (TOM) complex that is essential for protein import into mitochondria (Humphries et al.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 101 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	ERTPGAATASASGAAEDGACGCLPNPGTFEECHRKCKELF PIQMEGVKLTVNKGL SNHFQVNHTVALSTIGESNYHFG VTYVGTKQLSPTEAFPVLVGDMDNSGSLNAQVI HQLGP GLRSKMAIQTQQSKFVNWQVDGEYRGSDFTA AVTLGNP DVLVGSGILVAH

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YLQSITPCLALGGELVYHRRPGEEGTVM SLAGKYTLNNWLATVTLGQAGMHATYY
 HKASDQLQVGV EFEASTRMQDTSVSFGYQLDLPKANLLFKGSVDSNWIV GATLEK
 KLPPLPLTLALGAFLNHRKNKFQCGFGLTIG

**Sequence
 Similarities**

Belongs to the Tom40 family.

GENE INFORMATION

Gene Name TOMM40 translocase of outer mitochondrial membrane 40 homolog (yeast) [Homo sapiens]

Official Symbol TOMM40

Synonyms TOMM40; translocase of outer mitochondrial membrane 40 homolog (yeast); mitochondrial import receptor subunit TOM40 homolog; C19orf1; D19S1177E; PER EC1; PEREC1; TOM40;

Gene ID 10452

mRNA Refseq NM_001128916

Protein Refseq NP_001122388

MIM 608061

Uniprot ID O96008

Chromosome Location 19q13

Pathway Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral

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sclerosis (ALS), conserved biosystem;

Function

porin activity; protein transmembrane transporter activity; protein transmembrane transporter activity; voltage-gated anion channel activity;

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