

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: NoneConstituents: 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

sclerosis (ALS), conserved biosystem;

Function

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA