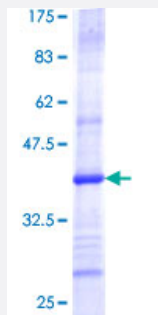


TOMM40 (Human) Recombinant Protein (Q01)

Catalog # H00010452-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TOMM40 partial ORF (NP_006105, 276 a.a. - 361 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HKASDQLQVGVEFEASTRMQDTSVSFGYQLDLPKANLLFKGSVDSNWIVGATLEKKLPPLPLTLA LGAFLNHRKNKFQCGFGLTIG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.2
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TOMM40

Entrez GeneID	10452
GeneBank Accession#	NM_006114
Protein Accession#	NP_006105
Gene Name	TOMM40
Gene Alias	C19orf1, D19S1177E, PER-EC1, PEREC1, TOM40
Gene Description	translocase of outer mitochondrial membrane 40 homolog (yeast)
Omim ID	608061
Gene Ontology	Hyperlink
Gene Summary	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., 2005 [Pub Med 15644312]).[supplied by OMIM]
Other Designations	mitochondrial outer membrane protein translocase of outer mitochondrial membrane 40

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

Disease

- [Alzheimer disease](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Neuropsychological Tests](#)
- [Ovarian cancer](#)