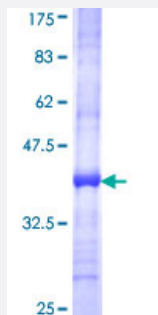


TIMM8B (Human) Recombinant Protein (Q01)

Catalog # H00026521-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TIMM8B partial ORF (NP_036591, 1 a.a. - 83 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAELGEADEAELQRLVAAEQKKAQFTAQVHHFMELCWDKCEKPGNRLDSRTENCLSSCVDR FIDTLAITSRFAQVQKGGQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.87
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — TIMM8B

Entrez GeneID [26521](#)

GeneBank Accession# [NM_012459](#)

Protein Accession# [NP_036591](#)

Gene Name TIMM8B

Gene Alias DDP2, FLJ21744, MGC102866, MGC117373, TIM8B

Gene Description translocase of inner mitochondrial membrane 8 homolog B (yeast)

Omim ID [606659](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of a well-conserved family of proteins with similarity to yeast Tim mitochondrial import proteins. This gene is encoded by a nuclear gene and is transported into the intermembrane space of the mitochondrion. When formed into complexes, these proteins guide membrane-spanning proteins across the mitochondrial intermembrane space before they are added into the mitochondrial inner membrane. This gene is adjacent to succinate dehydrogenase, subunit D (SDHD), in which mutations have been found in affected members of families with hereditary paraganglioma

Other Designations mitochondrial import inner membrane translocase subunit Tim8 B|translocase of inner mitochondrial membrane 8 homolog B

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)