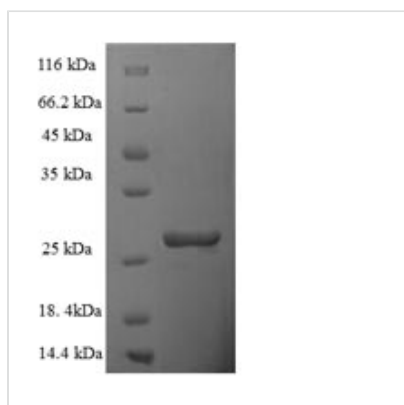




Recombinant Human Mitochondrial import inner membrane translocase subunit Tim10 B (TIMM10B)

Product Code	CSB-EP896532HU
Relevance	Component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. The TIM22 complex forms a twin-pore translocase that uses the membrane potential as the external driving force. In the TIM22 complex, it may act as a docking point for the soluble 70 kDa complex that guides the target proteins in transit through the aqueous mitochondrial intermembrane space.
Abbreviation	Recombinant Human TIMM10B protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y5J6
Alias	Fracture callus protein 1 FxC1 Mitochondrial import inner membrane translocase subunit Tim9 BTIMM10B ;Tim10b
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MERQQQQQQQLRNLDRDFLLVYNRMTELCFQRCVPSLHHRALDAEEEEACLHS CAGKLIHSNHRMLMAAYVQLMPALVQRRIADYEAA SAVPGVAAEQPGVSPSGS
Research Area	Signal Transduction
Source	E.coli
Target Names	TIMM10B
Protein Names	Recommended name: Mitochondrial import inner membrane translocase subunit Tim9 B Alternative name(s): Fracture callus protein 1 FxC1 TIMM10B Short name= Tim10b
Expression Region	1-103aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	27.6kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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