

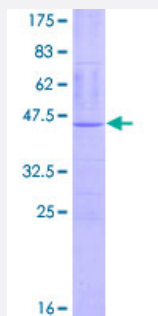
Full-Length

IMMP1L (Human) Recombinant Protein (P01)

Catalog # H00196294-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IMMP1L full-length ORF (NP_659418.1, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLRGVLGKTFRLVGYTIQYGCAHCAFEYVGGVVMCSGPSMEPTIQNSDIVFAENLSRHFYGIQRG DIVIAKSPSDPKSNICKRVIGLEGDKILTTSPSDFFKSHSYVPMGHVWLEGDNLQNSTD SRCYGP IPYGLIRGRIFFKIWPLSDFGFLRASPNGHRFSDD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.9
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 — IMMP1L

Entrez GeneID [196294](#)

GeneBank Accession# [NM_144981.1](#)

Protein Accession# [NP_659418.1](#)

Gene Name IMMP1L

Gene Alias FLJ25059, IMP1, IMP1-LIKE

Gene Description IMP1 inner mitochondrial membrane peptidase-like (S. cerevisiae)

Gene Ontology [Hyperlink](#)

Gene Summary The mitochondrial inner membrane peptidase (IMP) complex generates mature, active proteins in the mitochondrial intermembrane space by proteolytically removing the mitochondrial targeting pr esequence of nuclear-encoded proteins. IMP1 and IMP2 (IMMP2L; MIM 605977) are the catalytic subunits of the IMP complex (Burri et al., 2005 [PubMed 15814844]).[supplied by OMIM]

Other Designations IMP1 inner mitochondrial membrane peptidase-like

Disease

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