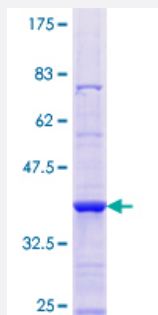


YME1L1 (Human) Recombinant Protein (Q01)

Catalog # H00010730-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human YME1L1 partial ORF (NP_647474.1, 514 a.a. - 612 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EILKWYLNKIKFDQSVDPEIARGTVGFSGAELENLVNQAALKAAVDGKEMVTMKELEFSKDKILM GPERRSVEIDNKNKTITAYHESGHAIAYTKD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (86); Rat (86)
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 — YME1L1

Entrez GeneID [10730](#)

GeneBank Accession# [NM_139313](#)

Protein Accession# [NP_647474.1](#)

Gene Name YME1L1

Gene Alias FTSH, MEG4, PAMP, YME1L

Gene Description YME1-like 1 (S. cerevisiae)

Omim ID [607472](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is the human ortholog of yeast mitochondrial AAA metalloprotease, Yme1p. It is localized in the mitochondria and can functionally complement a yme1 disruptant yeast strain. It is proposed that this gene plays a role in mitochondrial protein metabolism and could be involved in mitochondrial pathologies. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations ATP-dependent metalloprotease FtsH1 homolog|OTTHUMP00000019360|OTTHUMP00000019361|YME1-like 1

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)