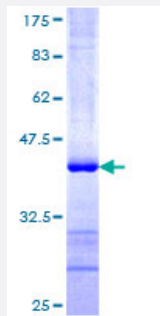


APG3L (Human) Recombinant Protein (Q01)

Catalog # H00064422-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human APG3L partial ORF (NP_071933, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQNVINTVKGKALEVAEYLTPVLKESKFKETGVITPEEFVAAGDHLVHHCPWQWATGEELKVKAYLPTGKQFLVTKNVPCYKRCKQMEYSDELEAIIIEE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (97); Rat (96)
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 — ATG3

Entrez GeneID	64422
GeneBank Accession#	NM_022488
Protein Accession#	NP_071933
Gene Name	ATG3
Gene Alias	APG3, APG3-LIKE, APG3L, DKFZp564M1178, FLJ22125, MGC15201, PC3-96
Gene Description	ATG3 autophagy related 3 homolog (S. cerevisiae)
Omim ID	609606
Gene Ontology	Hyperlink
Gene Summary	Autophagy is a process of bulk degradation of cytoplasmic components by the lysosome or vacuole. Human ATG3 displays the same enzymatic characteristics in vitro as yeast Apg3, a protein-conjugating enzyme essential for autophagy (Tanida et al., 2002 [PubMed 11825910]).[supplied by OMIM]
Other Designations	2610016C12Rik APG3 autophagy 3-like Apg3p autophagy Apg3p/Aut1p-like

Pathway

- [Regulation of autophagy](#)

Disease

- [Huntington Disease](#)