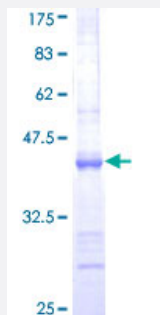


USP48 (Human) Recombinant Protein (Q01)

Catalog # H00084196-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human USP48 partial ORF (NP_115612, 110 a.a. - 219 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NLELRQALYLCPSTCSDYMLGDIQEEKDYEPQTICEHLQYLFALLQNSNRRYIDPSGFVKALGLDT GQQQDAQEF SKLFMSLLEDTL SKQKNPDVRNIVQQQFCGEYAY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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 — USP48

Entrez GeneID [84196](#)

GeneBank Accession# [NM_032236](#)

Protein Accession# [NP_115612](#)

Gene Name USP48

Gene Alias DKFZp762M1713, MGC132556, MGC14879, RAP1GA1, USP31

Gene Description ubiquitin specific peptidase 48

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein containing domains that associate it with the peptidase family C19, also known as family 2 of ubiquitin carboxyl-terminal hydrolases. Family members function as deubiquitinating enzymes, recognizing and hydrolyzing the peptide bond at the C-terminal glycine of ubiquitin. Enzymes in peptidase family C19 are involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations OTTHUMP00000009467|ubiquitin specific protease 31|ubiquitin specific protease 48