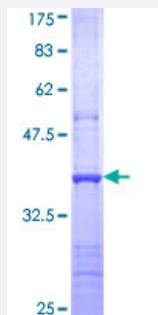


USP46 (Human) Recombinant Protein (Q01)

Catalog # H00064854-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human USP46 partial ORF (NP_073743.2, 257 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RFKYMEQLHRYTKLSYRVVFPLELRLFNTSSDAVNLDRLMYDLVAVVVHCGSGPNRGHYITVKSHGFWLLFDDDDVEKIDAQAIEEFYGLTSDISKNSESGYLFYQSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (100); Rat (99)
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 — USP46

Entrez GeneID [64854](#)

GeneBank Accession# [NM_022832](#)

Protein Accession# [NP_073743.2](#)

Gene Name USP46

Gene Alias FLJ11850, FLJ12552, FLJ14283, FLJ39393

Gene Description ubiquitin specific peptidase 46

Gene Ontology [Hyperlink](#)

Gene Summary Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP46 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM]

Other Designations ubiquitin specific protease 46

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)