

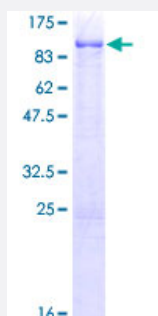
Full-Length

USP28 (Human) Recombinant Protein (P01)

Catalog # H00057646-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human USP28 full-length ORF (AAH65928.1, 1 a.a. - 583 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTAELQQDDAAGAADGHGSSCQMLLNQLREITGIQDPSFLHEALKASNGDITQAVSLLTDERVKE
PSQDTVATEPSEVEGSAANKEVLAKVIDLTHDNKDDLQAAIALSLLESPKIQADGRDLNRMHEAT
SAETKRKRKRCEVWGENPNPNDRRVDGWVGLKNVGNTCWFSAVIQSLFQLPEFRRLVLSY
SLPQNVLENCRSHTTEKRNIMFMQELQYLFALMMGSNRKFVDPSAALDLLKGAFRSSEEQQQDVS
EFTHKLLDWLEDAFQLAVNVNSPRNKSENPMVQLFYGTFLTEGVREGKPFCCNNETFGQYPLQVN
GYRNLDECLEGAMVEGDVELLPDSHVSVKYQERWFTKLPPVLTFLSRFEFNQSLGQPEKIHNK
LEFPQIYMDRYMYRSKELIRNKRECIRKLKEEIKLQQKLERYVKYSGPARFPLPDMMLKYVIEFAST
KPASESCPPESDTHMTPLSSVHCSVSDQTSKESTSTESSSQDVSTFSSPEDSLPKSKPLTSS
RSSMEMPSQPAPRTVTDEEINFVKTCQLQRWRSEIEQDIQDLKTCIASTTQTIEQMYCDPLLRQVE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

92.6

Interspecies Antigen Sequence

Mouse (88); Rat (87)

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 — USP28

Entrez GeneID	57646
GeneBank Accession#	BC065928.1
Protein Accession#	AAH65928.1
Gene Name	USP28
Gene Alias	KIAA1515
Gene Description	ubiquitin specific peptidase 28
Omim ID	610748
Gene Ontology	Hyperlink
Gene Summary	The ubiquitin-dependent protein degradation pathway is essential for proteolysis of intracellular proteins and peptides. Enzymes that remove ubiquitin from ubiquitin-conjugated peptides, like USP 28, affect the fate and degradation of intracellular proteins and are essential for maintenance of cell-free ubiquitin pools (Valero et al., 2001).[supplied by OMIM]
Other Designations	ubiquitin specific protease 28