

Recombinant Human USP28 protein, His/Myc-tagged

Cat. No. USP28-153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP28(1-583 aa) fused with His tag at N-terminal and Myc tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Protein Length	1-583 aa
Description	The protein encoded by this gene is a deubiquitinase involved in the DNA damage pathway and DNA damage-induced apoptosis. Overexpression of this gene is seen in several cancers.
Form	Tris-based buffer, 50% glycerol
AA Sequence	MTAELQQDDAAGAADGHGSSCQMLLNQLREITGIQDPSFLHEALKASNGDITQAVSL LTD ERVKEPSQDTVATEPSEVEGSAANKEVLAKVIDLTHDNKDDLQAAIALSLLESP KIQADG RDLNRMHEATSAETKRSKRKRCEVWGENPNPNDWRRVDGWVGLKNV GNTCWFSAVIQSL FQLPEFRRLVLSYSLPQNVLENCRSHTEKRNIMFMQELQYLFAL MMGSNRKFVDPSAALD LLKGAFRSSEEQQQDVSEFTHKLLDWLEDAFQLAVNVNS PRNKSENPMVQLFYGTFLTEG VREGKPFCCNETFGQYPLQVNGYRNLDECLEGAM VEGDVELLPDHSVYKYGQERWFTKLP PVLTFELSRFEFNQSLGQPEKIHNKLEFPQI IYMDRYMYRSKELIRNKRECIRKLKEEIK ILQQKLERYVKYSGPARFPLPDMCLKYVI EFASTKPASESCPPESDTHMTLPLSSVHCSV SDQTSKESTSTESSSQDVSTFSSP EDSLPKSKPLTSSRSSMEMPSQPAPRTVTDEEINF VKTCLQRWRSEIEQDIQDLKTC

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	IASTTQTIEQMYCDPLLQVE
Purity	>90% (SDS-PAGE)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
GENE INFORMATION	
Gene Name	USP28 ubiquitin specific peptidase 28 [Homo sapiens]
Official Symbol	USP28
Synonyms	USP28; ubiquitin specific peptidase 28; ubiquitin specific protease 28; ubiquitin carboxyl-terminal hydrolase 28; KIAA1515; ubiquitin thioesterase 28; deubiquitinating enzyme 28; ubiquitin thiolesterase 28; ubiquitin-specific-processing protease 28;
Gene ID	57646
mRNA Refseq	NM_020886
Protein Refseq	NP_065937
MIM	610748
UniProt ID	Q96RU2

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Chromosome Location	11q23
Function	cysteine-type peptidase activity; peptidase activity; protein binding; ubiquitin thiolesterase activity; ubiquitin thiolesterase activity; ubiquitin-specific protease activity;

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