

Recombinant Human USP28 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. USP28-4743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	USP28 MS Standard C13 and N15-labeled recombinant protein (NP_065937) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	122.3 kDa
AA Sequence	MTAELQQDDAAGAADGHGSSCQMLLNQLREITGIQDPSFLHEALKASNGDITQAVSL LTDERVKEPSQDTVATEPSEVEGSAANKEVLAKVIDLTHDNKDDLQAAIALSLLESPK IQADGRDLNRMHEATSAETKRKRKRCEVWGENPNPNDWRRVDGWVPVGLKNVGN TCWFSAVIQSLFQLPEFRRLVLSYSLPQNVLENCRSHTTEKRNIMFMQELQYLFALMM GSNRKFVDPSAALDLLKGAFRSSEEQQQDVSEFTHKLLDWLEDAFQLAVNVNSPRN KSENPMVQLFYGTFLTEGVREGKPFCCNETFGQYPLQVNGYRNLDECLEGAMVEG DVELLPDSHVKYQGERWFTKLPPVLT FELSRFEFNQSLGQPEKIH NKLEFPQIIYMD RYMYRSKELIRNKRECIRKLKEEIKILQQKLERYVKYGS GPARFPLPDM LKYVIEFAST KPAESCPPESDTHMTLPLSSVHCSVSDQTSKESTSTESSSQDVSTFSSPEDSLP KSKPLTSSRSSMEMPSQPAPRTVTDEEINFVKTC LQRWRSEIEQDIQDLKTCIASTT

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QTIEQMYCDPLLQVPYRLHAVLVHEGQANAGHYWAYIYNQPRQSWLKYNDISVTE
SSWEEVERDSYGGLRNV SAYCLMYINDKLPYFNAEAAPTESDQMSEVEALSVELKH
YIQEDNWRFEQEVEEWEQQSCKIPQMESSTNSSSQDYSTSQEPSVASSHGVRCL
SSEHAVIVKEQTAQAIANTARAYEKSGVEAALSEVMLSPAMQGVILAIKARQTFDRD
GSEAGLIKAFHEEYSRLYQLAKETPTSHSDPRLQHVLVYFFQNEAPKRVERTLLEQ
FADKNLSYDERSISIMKVAQAKLKEIGPDDMNMEYKKWHEDYSLFRKVSVYLLTGL
ELYQKGKYQEALSYLVYAYQSNAALLMKGPRRGVKESVIALYRRKCLLELNAKAASL
FETNDDHSVTEGINVMNELIIPCIHLINNDISKDDDLDAIEVMRNHWCSYLGQDIAENLQ
LCLGEFLPRLLDPSAEIIVLKEPPTIRPNSPYDLCSRFAAVMESIQGVSTVTVKTRTRP
LEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name USP28 ubiquitin specific peptidase 28 [Homo sapiens (human)]

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;

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Gene ID	57646
mRNA Refseq	NM_020886
Protein Refseq	NP_065937
MIM	610748
UniProt ID	Q96RU2
SDS-PAGE	