

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
 IQADGRDLNRMHEATSAETKRKRKRCEVWGENPNPNDWRRVDGWVGLKKNVGN
 TCWFSAVIQSLFQLPEFRRLVLSYSLPQNVLENCRSHTTEKRNIMFMQELQYLFALMM
 GSNRKFVDPAAALDLLKGAFRSSEEQQQDVSEFTHKLLDWLEDAFQLAVNVNSPRN
 KSENPMVQLFYGTFLTEGVREGKPFCCNETFGQYPLQVNGYRNLDECLEGAMVEG
 DVELLPSDHSVKEYGQERWFTKLPPVLT FELSRFEFNQSLGQPEKIHNKLEFPQIIYMD
 RYMYRSKELIRNKRECIRKLKEEIKILQQKLERYVKYGSGPARFPLPDMKYVIEFAST
 KPASESCPPESDTHMTLPLSSVHCSVSDQTSKESTSTESSSQDVSTFSSPEDSLP
 KSKPLTSSRSMEMPSQPAPRTVTDEEINFVKTCCLRWRSEIEQDIQDLKTCIASTT

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QTIEQMYCDPLLQRQVPYRLHAVLVHEGQANAGHYWAYIYNQPRQSWLKYNDISVTE
 SSWEEVERDSYGGLRNVSAAYCLMYINDKLPYFNAEAAPTESDQMSEVEALSVELKH
 YIQEDNWRFEQEVEEWEQQSCKIPQMESSTNSSSQDYSTSQEPSVASSHGVRCL
 SSEHAVIVKEQTAQAIANTARAYEKSGVEAALSEVMLSPAMQGVILAIKARQTFDRD
 GSEAGLIKAFHEEYSRLYQLAKETPTSHSDPRLQHVLVYFFQNEAPKRVERTLLEQ
 FADKNLSYDERSISIMKVAQAKLKEIGPDDMNMEEYKKWHEDYSLFRKVSVYLLTGL
 ELYQKGGKYQEALSylvayQsnaallMKGPRRGVKESVIALYRRKCLLELNAKAASL
 FETNDDHSVTEGINVMNELIIPCIHLIINNDISKDDDLDAIEVMRNHWCSYLGQDIAENLQ
 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

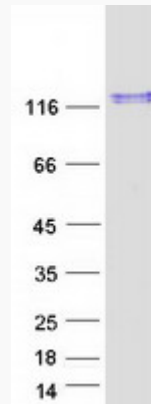
mRNA Refseq NM_020886

Protein Refseq NP_065937

MIM 610748

UniProt ID Q96RU2

SDS-PAGE



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