

Recombinant Full Length Human USP3 Protein, C-Flag-tagged

Cat. No. USP3-550HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human USP3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables histone binding activity and thiol-dependent deubiquitinase. Involved in several processes, including DNA repair; histone deubiquitination; and regulation of protein stability. Located in several cellular components, including Flemming body; cytoplasmic ribonucleoprotein granule; and nucleoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	58.7 kDa
AA Sequence	MECPHLSSSVCIAPDSAKFPNGSPSSWCCSVCRSNKSPWVCLTCSSVHCGRYVNG HAKKHYEDAQVPLTN HKKSEKQDKVQHTVCMDCSSYSTYCYRCDDFVVNDTKLGL VQKVREHLQNLensaftADRHKKRKLENS TLNSKLLKVNSTTAICATGLRNLGNT CFMNAILQSLSNIEQFCCYFKELPAVELRNGKTAGRRTYHTRS QGDNNVSLVEEFR KTLCALWQGSQTAFSPESLFYVWVKIMPNFRGYQQQDAHEFMRYLLDHLHLELQG GF NGVSRsAILQENSTLSASNKCCINGASTVVTAIFGGILQNEVNCLICGTESRKFD FLDLSLDIPSQFRS KRSKNQENGPVCSLRDCLRSFTDLEELDETELYMCHKCKKKQ KSTKKFWIQKLPKVLCLHLKRFHWTAYL RNKVDTYVEFPLRGLDMKCYLLEPENSG PESCLYDLAAVVVHHGSGVSGHYTAYATHEGRWFHFNDSTV

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	TLTDEETVVKAKAYILFYVEHQAKAGSDKLTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protease
Full Length	Full L.

GENE INFORMATION

Gene Name	USP3 ubiquitin specific peptidase 3 [Homo sapiens (human)]
Official Symbol	USP3
Synonyms	UBP; SIH003
Gene ID	9960
mRNA Refseq	NM_006537.4

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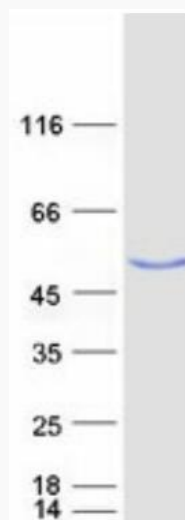
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Protein Refseq NP_006528.2

MIM 604728

UniProt ID Q9Y6I4



Coomassie blue staining of purified USP3 protein.

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