

Recombinant Full Length Human USP13 Protein, C-Flag-tagged

Cat. No. USP13-938HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human USP13 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables several functions, including BAT3 complex binding activity; chaperone binding activity; and cysteine-type peptidase activity. Involved in several processes, including maintenance of unfolded protein involved in ERAD pathway; regulation of cellular catabolic process; and regulation of transcription, DNA-templated. Acts upstream of or within protein deubiquitination and protein stabilization. Predicted to be located in nucleoplasm. Predicted to be active in cytosol and nucleus.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	97.1 kDa
AA Sequence	MQRRGALFGMPGGSGGRKMAAGDIGELLVPHMPTIRVPRSGDRVYKNECAFSYDS PNSGGGLYVCMNTFL AFGREHVERHFRKTGQSVYMHLKRHVREKVRGASGGALP KRRNSKIFLDLDTDDDLNSDDYEYEDEAKLV IFPDHYEIALPNIEELPALVTIACDAVL SSKSPYRKQDPDTWENELPVSKYANNLTQLDNGVRIPPSGWK CARCDLRENLWLN LTDGSVLCGKWFFDSSGGNGHALEHYRDMGYPLAVKLGTITPDGADVYSFQEEEP VL DPHLAKHLAHFGIDMLHMHGTENGLQDNDIKLRVSEWEVIQESGTKLKPMYGP

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YTGLKNLGNscyLSSV MQAIFSIPEFQRAYVGNLPRIFDYSPLDPTQDFNTQMTKLGHLLSGQYskppVKSELIEQVMKEEHKpQ QNGISPRMFKAfVSKSHPEfSSNRQQDAQEFLHLVNLVERNRIgSENpSDVFRFLVEERIqCCQTRKVR YTERVDYLMQLPVAMEAATNKDELIAYELTRREAEANRRPLPELVRAKIPFSACLQAFSEpENVDDFWSS ALQAKSAGVKTsRFASFPEYLvvQIKKFTFGLDWVPKKFDVSiDMPDLLDINHLRARGLQPGEEELPDIS PPIVIPDDSKDRLMNQLIDPSDiDESSVMQLAEMGFPLEACRKAVYFTGNMGAEVAFNwIIVHMEEPDFA EPLTMPGYGGAASAGASVFGASGLDNQPPeeIVAIITSMGFQRNqAIqALRATNNNLERALDWIFSHPEF EEDSDfVIEMENNANANIISEAKPEGPRVKDGSgTYELFAFISHMGTSTMSGHYICHIKKEGRWVIYNDHKVCASERPPKDLGYMYFYRRIPSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

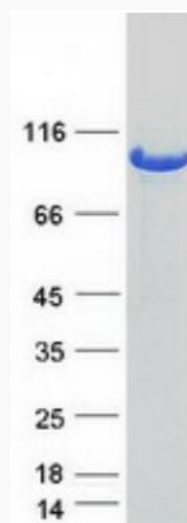
Gene Name USP13 ubiquitin specific peptidase 13 [Homo sapiens (human)]

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Official Symbol	USP13
Synonyms	ISOT3; IsoT-3
Gene ID	8975
mRNA Refseq	NM_003940.3
Protein Refseq	NP_003931.2
MIM	603591
UniProt ID	Q92995



Coomassie blue staining of purified USP13 protein.

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