

Product datasheet for TP318309M

USP1 (NM_001017416) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 1 (USP1), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218309 representing NM_001017416 Red=Cloning site Green=Tags(s)

MPGVIPSESNGLSRGSPSKKNRSLKFFQKKETKRALDFTDSQENEEKASEYRASEIDQVWPAQSSPIN
CEKRENLLPFVGLNNLGNTCYLNSILQVLYFCPGFKSGVKHLFNIIIRKKEALKDEANQKDKGNCKEDSL
ASYELICSLQSLIISVEQLQASFLNPEKYTDELATQPRLLNLTRELNPMYEGYLQHDAQEVLQCILGN
IQETCQLLKKEEVKNVAELPTKVEEIPHPKEEMNGINSIEMDSMRHSEDFKEKLPKNGKRSKSDTEFGNM
KKKVKLSKEHQSLLEENQRQTRSKRKATSDTLESPPKIIPKYISENESRPSQKKSrvkinwlksatkqps
ILSKFCSLgkittnqgvkgqskeneCDPEEDLGKCESDNTTNGCGLESPGNTVTPVNVNEVKPINKGEEQ
IGFELVEKLFQGGQLVLRTRCLECESLTERREDFQDISVPVQEDELskveesseispepktemktlrwa
QFASVERIVGEDKYFCENCHHYTEAERSLLFDKMPEVITIHLCFAASGLEFDCYGGGLSKINTPLLTPL
KLSLEEWSTKPTNDSYGLFAVVMHSGITISSGHYASVKVTDLNSLELDKGNFVVDQMCEIGKPEPLNEE
EARGVVENYNDEEVSIRVGGNTQPSKVLNKKNVEAIGLLGGQKSKADYELYNKASNPDKVASTAFAENRN
SETSDTTGTHESDRNKESDQTGINISGFENKISYVVQSLKEYEGKWLLFDDSEVKVTEEKDFLNSLSPS
TSPTSTPYLLFYKKL

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	88 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001017416](#)

Locus ID: 7398

UniProt ID: [O94782](#)

RefSeq Size: 3424

Cytogenetics: 1p31.3

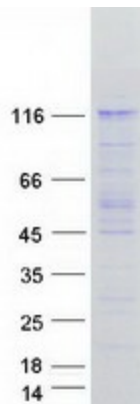
RefSeq ORF: 2355

Synonyms: UBP

Summary: This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. The protein specifically deubiquitinates a protein in the Fanconi anemia (FA) DNA repair pathway. Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]

Protein Families: Protease

Product images:



Coomassie blue staining of purified USP1 protein (Cat# [TP318309]). The protein was produced from HEK293T cells transfected with USP1 cDNA clone (Cat# [RC218309]) using MegaTran 2.0 (Cat# [TT210002]).