

## Product datasheet for TP318309

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218309 representing NM_001017416 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPGVIPSESNGLSRGSPSKKNRSLKFFQKKETKRALDFTDSQENEEKASEYRASEIDQVWPAQSSPIN  
CEKRELLPFVGLNNLGNTCYLNSILQVLYFCPGFKSGVKHLFNIIISRKKEALKDEANQKDKGNCKEDSL  
ASYELICSLQSLIISVEQLQASFLNPEKYTDELATQPRLLNLTRELNPMYEGYLQHDAQEVLQCILGN  
IQETCQLLKKEEVKNVAELPTKVEEIPHPKEEMNGINSIEMDSMRHSEDFKEKLPKNGKRSKSTEFGNM  
KKKVKLSKEHQSLLEENQRQTRSKRKATSDTLESPPKIIPKYISENESRPSQKKSrvkinWLKSATKQPS  
ILSKFCSLGKITTNQGVKGQSKENECDPEEDLGKCESDNTTNGCGLESPGNTVTPVNVNEVKPINKGEEQ  
IGFELVEKLFQGGQLVLRTRCLECESLTERREDFQDISVPVQEDELKVEESSEISPEPKTEMKTLRWAIS  
QFASVERIVGEDKYFCENCHHYTEAERSLLFDKMPEVITIHLCFAASGLEFDCYGGGLSKINTPLLTPL  
KLSLEEWSTKPTNDSYGLFAVVMHSGITISSGHYASVKVTDLNSLELDKGNFVVDQMCEIGKPEPLNEE  
EARGVVENYNDEEVSIRVGGNTQPSKVLNKKNVEAIGLLGGQKSKADYELYNKASNPDKVASTAFAENRN  
SETSDTTGTHESDRNKESDQTGINISGFENKISYVVQSLKEYEGKWLLFDDSEVKVTEEKDFLNSLSPS  
TSPTSTPYLLFYKKL

**SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV**

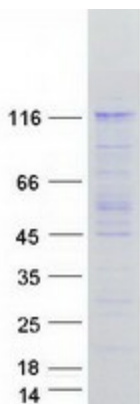
Tag:	C-Myc/DDK
Predicted MW:	88 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001017416</a>
<b>Locus ID:</b>	7398
<b>UniProt ID:</b>	<a href="#">O94782</a>
<b>RefSeq Size:</b>	3424
<b>Cytogenetics:</b>	1p31.3
<b>RefSeq ORF:</b>	2355
<b>Synonyms:</b>	UBP
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).