

Product datasheet for **TP322609L**

USP16 (NM_006447) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human ubiquitin specific peptidase 16 (USP16), transcript variant 1, 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC222609 representing NM_006447
Red=Cloning site **Green**=Tags(s)

MGKKRTKGGKTVPIDDSSSETLEPVCRRHIRKGLEQGNLKKALVNVEWNICQDCKTDNKVKDKAAEETEEKPS
VWLCLKCGHQGGRNSQEQHALKHLYLTPRSEPHCLVLSDNWSVWCYVCDNEVQYCSSNQLGQVVDYVRK
QASITTPKPAEKDNGNIELENKKLEKESKNEQEREKKNMAKENPPMNSPCQITVKGLSNLGNTCCFFNAV
MQNLSQTPVLRRELLKEVKMSGTIVKIEPPDLALTEPLEINLEPPGPLTLAMSQFLNEMQETKKGVVPKE
LFSQVCKKAVRFKGYQQQDSQELLRYLLDGMRAEEHQRVSKGILKAFGNSTEKLDEELKNKVKDYEKKKS
MPSFVDRIFFGGELTSMIMCDQCRTVSLVHESFLDLSLPVLDQSGKKS VNDKNLKTVEDEDQDSEEEKD
NDSYIKERSDIPSGTSKHLQKKAKKQAKKQAKNQRQKIQGKVLHLNDICTIDHPEDSEYEAEMSLQGE
VNIKSNHISQEGVMHKEYCVNQKDLNGQAKMIESVTDNQKSTEEVDMKNINMDNDLEVLTSPPTRNLNGA
YLTEGSNGEVDISNGFKNLNLNAALHPDEINIEILNDSHTPGTKVYEVNEDPETAFCTLANREVFNTDE
CSIQHCLYQFTRNEKLRDANKLLCEVCTRRQCNGPKANIKGERKHVYTNNAKQMLISLAPPVLTLLHLKRF
QQAGFNLRKVNKHIFPEILDLPFCTLKCKNVAEENTRVLSLYGVVEHSGTMRSGHYAYAKARTANS
HLSNLVHLHGDIPQDFEMESKGQWFHISDTHVQAVPTTKVLNSQAYLLFYERIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

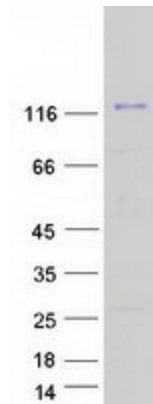
Tag: C-Myc/DDK
Predicted MW: 93.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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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_006438
Locus ID:	10600
UniProt ID:	Q9Y5T5
RefSeq Size:	2989
Cytogenetics:	21q21.3
RefSeq ORF:	2469
Synonyms:	UBP-M; UBPM
Summary:	This gene encodes a deubiquitinating enzyme that is phosphorylated at the onset of mitosis and then dephosphorylated at the metaphase/anaphase transition. It can deubiquitinate H2A, one of two major ubiquitinated proteins of chromatin, in vitro and a mutant form of the protein was shown to block cell division. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Protein Families:	Protease

Product images:



Coomassie blue staining of purified USP16 protein (Cat# [TP322609]). The protein was produced from HEK293T cells transfected with USP16 cDNA clone (Cat# [RC222609]) using MegaTran 2.0 (Cat# [TT210002]).