

Product datasheet for TP322609M

USP16 (NM_006447) Human Recombinant Protein

Product data:

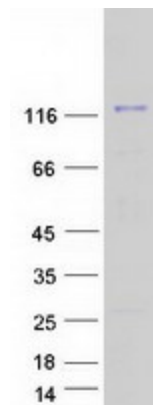
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 16 (USP16), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222609 representing NM_006447 Red =Cloning site Green =Tags(s)
	<p>MGKKRTKGGKTVPIDDSSSETLEPVCRRHIRKGLEQGNLKKALVNVEWNICQDCKTDNKVKDKAEETEEKPS VWLCLKCGHQGCGRNSQEQHALKHLYLTPRSEPHCLVLSLDNWSVWCYVCDNEVQYCSSNQLGQVVDYVRK QASITTPKPAEKDNGNIELENKKLEKESKNEQEREKKENMAKENPPMNSPCQITVKGLSNLGNTCFFNAV MQNLSQTPVLRRELLKEVKMSGTIVKIEPPDLALTEPLEINLEPPGPLTLAMSQFLNEMQETKKGVVTPKE LFSQVCKKAVRFKGYQQDSQELLRYLLDGMRAEEHQRVSKGILKAFGNSTEKLDEELKNKVKDYEKKKS MPSFVDRIFGGELTSMIMCDQCRTVSLVHESFLDLSLPVLDQSGKKS VNDKNLKKTVEDQDSEEEKD NDSYIKERSDIPSGTSKHLQKKAKKQAKKQAKNQRQKIQGKVLHLDICTIDHPEDSEYEAEMSLQGE VNIKSNHISQEGVMHKEYCVNQKDLNGQAKMIESVTDNQKSTEEVDMKNINMDNDLEVLTSPPTRNLNGA YLTEGSNGEVDISNGFKNLNLNAALHPDEINIEILNDSHTPGTKVYEVVNEDEPETAFCTLANREVFNTDE CSIQHCLYQFTRNEKLRDANKLLCEVCTRRQCNGPKANIKGERKHVYTNAKKQMLISLAPPVLTLLHLKRF QQAGFNLRKVNKHIFPEILDLPFCTLKCKNVAEENTRVLYSLYGVVEHSGTMRSGHYTAYAKARTANS HLSNLVLHGDIPQDFEMESKGQWFHISDTHVQAVPTTKVLNSQAYLLFYERIL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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.



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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_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]).