

Product datasheet for TP322642M

USP15 (NM_006313) Human Recombinant Protein

Product data:

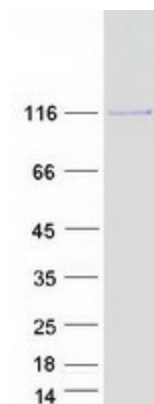
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 15 (USP15), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222642 representing NM_006313 Red=Cloning site Green=Tags(s)
	<p>MAEGGAADLDTQRSDIATLLKTSLRKGDWYLVDSRWFKQWKKYVGFDSWDKYQMGDQNVYPGPIDNSGL LKDGDAQSLKEHLIDELDYILLPTEGWNKLVSWYTLMEGQEPIARKVVEQGMFVKHCKVEVYLTELKCE NGNMNNVTRRFSKADTIDTIEKEIRKIFSIPDEKETRLWNKYMSNTFEPLNKPSTIQDAGLYQGQVLV IEQKNEDGTWPRGPSTPNVKNSNYCLPSYTAYKNYDYSEPGRNNEQPGLCGLSNLGNTCFMNSAIQCLSN TPPLTEYFLNDKYQEELNFDNPLGMRGEIAKSYAELIKQMWSGKFSYVTPRAFKTQVGRFAPQFSGYQQQ DCQELLAFLLDGLHEDLNRIKPKYIQLKDADGRDPKVVAAEEAWENHLKRNDISIIVDIFHGLFKSTLVCP ECAKISVTFDPFCYLTPLPMKKERTLEVYLVRMDPLTKPMQYKVVVPKIGNILDCTALSALSGIPADK MIVTDIYNHRFHRIFAMDENLSSIMERDDIYVFEININRTEDTEHVIIIPVCLREKFRHSSYTHHTGSSLF GQPFLMAVPRNNTEDKLYNLLLLRMCRYVKISTETEETEGSLHCKDQNINGNGPNGIHEEGSPSEMETD EPDDESSQDQELPSENENSQSEDSVGGDNDSENGLCTEDTCKGQLTGHHKRLFTFQFNNLGNTDINYIKD DTRHIRFDDRQLRLDERFFLALDWDPLDKKRYFDENAAEDFEKHESVEYKPPKPFVVKLKDICIelfTtKE KLGAEDPWYCPNCKEHQQATKKLDLWSLPPVLVWHLKRFSYSRYMRDKLDTLVDFPINDLDMSEFLINPN AGPCRYNLIAVSNHYGGMGGGHYTAFANKDDGKWYFDDSSVSTASEDQIVSKAAYVLFYQRQDTFSGT GFFPLDRETKGASAAATGIPLESDEDSNDNDNDIENENCMHTN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	109.1 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_006304
Locus ID:	9958
UniProt ID:	Q9Y4E8
RefSeq Size:	4611
Cytogenetics:	12q14.1
RefSeq ORF:	2856
Synonyms:	UNPH-2; UNPH4
Summary:	This gene encodes a member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The encoded protein associates with the COP9 signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2. [provided by RefSeq, Nov 2011]
Protein Families:	Druggable Genome, Protease

Product images:



Coomassie blue staining of purified USP15 protein (Cat# [TP322642]). The protein was produced from HEK293T cells transfected with USP15 cDNA clone (Cat# [RC222642]) using MegaTran 2.0 (Cat# [TT210002]).