

## Product datasheet for TP322642L

### USP15 (NM\_006313) Human Recombinant Protein

#### Product data:

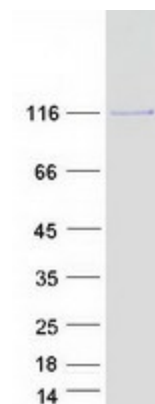
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ubiquitin specific peptidase 15 (USP15), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC222642 representing NM_006313 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAEGGAADLDTQRSDIATLLKTSLRKGDWYLVDSRWFKQWKKYVGFDSWDKYQMGDQNVYPGPIDNSGL            LKDGDAQSLKEHLIDELDYILLPTEGWNKLVSWYTLMEGQEPIARKVVEQGMFVKHCKVEVYLTELKLC            NGNMNNVTRRFKADTIDTIEKEIRKIFSIPDEKETRLWNKYMSNTFEPLNKPSTIQDAGLYQGQVLV            IEQKNEDGTWPRGPSTPNVKNSNYCLPSYTAYKNYDYSEPGRNNEQPGLCGLSNLGNTECFMNSAIQCLSN            TPPLTEYFLNDKYQEELNFDNPLGMRGEIAKSYAELIKQMWSGKFSYVTPRAFKTQVGRFAPQFSGYQQQ            DCQELLAFLLDGLHEDLNRIKPKYIQLKDADGRDPKVVAAEEAWENHLKRNDISIIVDIFHGLFKSTLVCP            ECAKISVTFDPFCYLTPLPMKKERTLEVYLVRMDPLTKPMQYKVVVPKIGNILDCTALSALSGIPADK            MIVTDIYNHRFHRIFAMDENLSSIMERDDIYVFEININRTEDTEHVIIIPVCLREKFRHSSYTHHTGSSLF            GQPFLMAVPRNNTEDKLYNLLLLRMCRYVKISTETEETEGSLHCKDQNINGNGPNGIHEEGSPSEMETD            EPDDESSQDQELPSENENSQSEDSVGGDNDSENGLCTEDTCKGQLTGHHKRLFTFQFNNLGNLDINYIKD            DTRHIRFDDRQLRLDERFFLALDWDPLDKKRYFDENAAEDFEKHESVEYKPPKPFVCLKDCIELFTTKE            KLGAEDPWYCPNCKEHQQATKKLDLWVSLPPVLVHLKRFYSRYMRDKLDTLVDFPINDLDMSEFLINPN            AGPCRYNLIAVSNHYGGMGGGHYAFANKDDGKWYFDDSSVSTASEDQIVSKAAYVLFYQRQDTFSGT            GFFPLDRETKGASAATGIPLESDEDSNDNDNDIENENCMHTN</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	109.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



[View online »](#)

<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_006304</a>
<b>Locus ID:</b>	9958
<b>UniProt ID:</b>	<a href="#">Q9Y4E8</a>
<b>RefSeq Size:</b>	4611
<b>Cytogenetics:</b>	12q14.1
<b>RefSeq ORF:</b>	2856
<b>Synonyms:</b>	UNPH-2; UNPH4
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).