

Product datasheet for TP511381

Usp15 (NM_027604) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin specific peptidase 15 (Usp15), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211381 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAEGGAADLDTQRSDIATLLKTSLRKGDWYLVDSRWFKQWKKYVGFDSWDKYQMGDQNVYPGPIDNSGL LKDGAQSLKEHLIDELDYILLPTEGWNKLVSWYTLMEGQEPIARKVVEQGMFVKHCKVEVYLTELKLC NGNMNNVTRRFKADTIDTIEKIRKIFNIPDEKEARLWNKYVSNTEPLNKPDSIQDAGLYQGQVLV IEQKNEDGTWPRGPSTPKSPGASNFSTLPKISPSSLSNNYNNINNRNVKNSNYCLPSYTAYKNYDYSEPG RNNEQPGLCGLSNLGNTECFMNSAIQCLSNTPPLTEYFLNDKYQEELNFDNPLGMRGEIAKSYAELIKQMW SGKFSYVTPRAFQTQVGRFAPQFSGYQQDCQELLAFLLDGLHEDLNRIKPKPIQLKDADGRPDKVVAE EAWENHLKRNDSIIVDIFHGLFKSTLVCPECAKISVTFDPFCYLTPLPMKKERSLEVYLVRMDPLAKPM QYKIVVPKIGNILDCTALSALSGVPADKMIVTDIYNHRFRHFAVDENLSSIMERDDIYVFEININRAE DTEHWVIVCLREKFRHSSYTHHTGSSLFGQPFLMAIPRNNTEDKLYNLLLLRMCRYVKMSTETEEDGH LRCCEDQNINGNGPNGLHEEGSPSEMETDEPGDESSQDQELPSENENSQSEDSVGGDNDSENGLCTEETC KGQLTGHKRLLFTFQFNNGNDINIKDDTSHIRFDDRQLRLDERSFLALDWDPDLLKRYFDENAAEDF EKHESVEYKPPKRPFVKLKDCELFSTKEELGAEDPWYCPNCKEHQQATKKLDLWSLPPVLVHLKRFYSY SRYMRDKLDTLVDFPISDLDMSEFLINPNAGPCRYNLIAVSNHYGGMGGGHYAFANKKDDGKWWYFDSD SVSTASEDQIVSKAAYVLFYQRQDTFSGTGFPLDRETKGASAATGIPLESDEDSNDNDNDLENENCMHT N</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	112.2 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



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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 after receiving vials.
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_081880
Locus ID:	14479
UniProt ID:	Q8R5H1 , Q3TSV9
RefSeq Size:	11564
Cytogenetics:	10 D2
RefSeq ORF:	2946
Synonyms:	4921514G19Rik; AI327321; E430033I05Rik; Gcap; Gcap18
Summary:	<p>The protein encoded by this gene is a member of the large ubiquitin specific protease (Usp) family of proteins. These proteins are known to cleave ubiquitin, and contain a conserved cysteine residue (Cys box) and two conserved histidine residues (His box) that are thought to form part of the active site of the protease. This protein has been shown to cleave both the ubiquitin-proline and the ubiquitin-methionine bonds in vitro. This protein is thought to regulate many cellular processes through its deubiquitination activity, including the transforming growth factor beta (TGF-beta) pathway. Cardiac-specific overexpression of the human ortholog of this gene in mice causes enlargement of the heart that is more pronounced in the atrium than in the ventricle. This gene has two pseudogenes on chromosome 14. Alternative splicing results in multiple transcript variants that encode multiple protein isoforms.[provided by RefSeq, Aug 2014]</p>