Recombinant Human USP15 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. USP15-822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	USP15 MS Standard C13 and N15-labeled recombinant protein (NP_006304) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	109.1 kDa
AA Sequence	MAEGGAADLDTQRSDIATLLKTSLRKGDTWYLVDSRWFKQWKKYVGFDSWDKYQ MGDQNVYPGPIDNSGLLKDGDAQSLKEHLIDELDYILLPTEGWNKLVSWYTLMEGQ EPIARKVVEQGMFVKHCKVEVYLTELKLCENGNMNNVVTRRFSKADTIDTIEKEIRKI FSIPDEKETRLWNKYMSNTFEPLNKPDSTIQDAGLYQGQVLVIEQKNEDGTWPRGP STPNVKNSNYCLPSYTAYKNYDYSEPGRNNEQPGLCGLSNLGNTCFMNSAIQCLSN

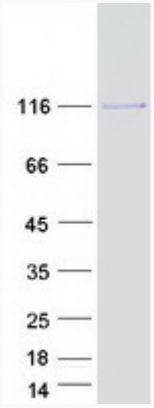
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	TPPLTEYFLNDKYQEELNFDNPLGMRGEIAKSYAELIKQMWSGKFSYVTPRAFKTQV GRFAPQFSGYQQQDCQELLAFLLDGLHEDLNRIRKKPYIQLKDADGRPDKVVAEEA WENHLKRNDSIIVDIFHGLFKSTLVCPECAKISVTFDPFCYLTLPLPMKKERTLEVYLV RMDPLTKPMQYKVVVPKIGNILDLCTALSALSGIPADKMIVTDIYNHRFHRIFAMDENL SSIMERDDIYVFEININRTEDTEHVIIPVCLREKFRHSSYTHHTGSSLFGQPFLMAVPR NNTEDKLYNLLLLRMCRYVKISTETEETEGSLHCCKDQNINGNGPNGIHEEGSPSEM ETDEPDDESSQDQELPSENENSQSEDSVGGDNDSENGLCTEDTCKGQLTGHKKRL FTFQFNNLGNTDINYIKDDTRHIRFDDRQLRLDERFFLALDWDPDLKKRYFDENAAE DFEKHESVEYKPPKKPFVKLKDCIELFTTKEKLGAEDPWYCPNCKEHQQATKKLDL WSLPPVLVVHLKRFSYSRYMRDKLDTLVDFPINDLDMSEFLINPNAGPCRYNLIAVSN HYGGMGGGHYTAFAKNKDDGKWYYFDDSSVSTASEDQIVSKAAYVLFYQRQDTFS GTGFFPLDRETKGASAATGIPLESDEDSNDNDNDIENENCMHTNTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	USP15 ubiquitin specific peptidase 15 [Homo sapiens (human)]
Official Symbol	USP15

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Synonyms	USP15; ubiquitin specific peptidase 15; ubiquitin specific protease 15; ubiquitin carboxyl-terminal hydrolase 15; KIAA0529; UNPH4; ubiquitin thioesterase 15; deubiquitinating enzyme 15; ubiquitin thiolesterase 15; ubiquitin-specific-processing protease 15; UNPH-2; FLJ55073; MGC74854; MGC131982; MGC149838;
Gene ID	9958
mRNA Refseq	NM_006313
Protein Refseq	NP_006304
MIM	604731
UniProt ID	Q9Y4E8
SDS-PAGE	

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