

Product datasheet for TP317069L

USP33 (NM_201624) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 33 (USP33), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC217069 representing NM_201624
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSAFRNHCPHLDSVGEITKEDLIQKSLGTCQDCKVQGPNLWACLENRCSYVGCGESQVDHSTIHSQETKH
 YLTVNLTLRWVCYACSKVFLDRKLGTPSLPHVRQPHQIQENSVQDFKIPSNNTLKTPLVAVFDDLDI
 EADEEDELRRGLTGLKNIGNTCYMNAALQALSNCPPLTQFFLDCGGLARTDKKPAICKSYLKLMTLWH
 KSRPGSVPTTLFQGIKTVNPTFRGYSQQDAQEFLRCLMDLLHEELKEQVMEVEEDPQTITTEETMEEDK
 SQSDVDFQSCESCNSDRAENENGSRCFSEDNNETTMLIQDDENNSEMCKDWQKEKMCNKINKVNSEGEF
 DKDRDSISETVDLNNQETVKVQIHSRASEYITDVHSNDLSTPQILPSNEGVPRLSASPPKSGNLWPGLA
 PPHKKAQSASPKRKKQHKKYRSVISDIFDGTIISSVQCLTCDRVSVTLETQDLSPGKEDLAKLHSS
 SHPTSIVKAGSCGEAYAPQGWIAFFMEYVKRFVSCVPSWFWGPPVTLQDCLAFFARDELKGDNMYSCE
 KCKKLRNGVKFKVQNFPEILCIHLKRFRHELMFSTKISTHVSFPLEGLDLQPFLLAKDSPAQIVTYDLLS
 VICHHGTASSGHYIAYCRNLLNLWYEFDDQSVTEVSESTVQNAEAYVLFYRKSSEEAQKERRRISNLLN
 IMEPSLLQFYISRQWLNKFKTFAEPGPISNNDFLCIHGGVPPRKAGYIEDLVMLPQNIWDNLYSRYGGG
 PAVNHLYICHTCQIEAEKIEKRRKTELEIFIRLNRAFQKEDSPATFYCISMQWFREWESFVKGDGDPPG
 PIDNTKIAVTKCGNVMLRQGADSGQISEETWNFLQSIYGGGPEVILRPPVWHVDPDILQAEKIEVETRS
 L

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

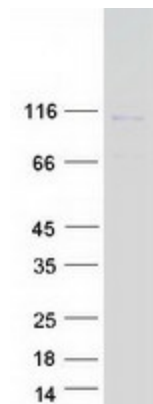
Tag:	C-Myc/DDK
Predicted MW:	103.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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:	<u>NP_963918</u>
Locus ID:	23032
UniProt ID:	<u>Q8TEY7</u>
RefSeq Size:	4345
Cytogenetics:	1p31.1
RefSeq ORF:	2733
Synonyms:	VDU1
Summary:	This gene encodes a deubiquinating enzyme important in a variety of processes, including Slit-dependent cell migration and beta-2 adrenergic receptor signaling. The protein is negatively regulated through ubiquitination by von Hippel-Lindau tumor protein (VHL). Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jun 2012]
Protein Families:	Druggable Genome, Protease

Product images:



Coomassie blue staining of purified USP33 protein (Cat# [TP317069]). The protein was produced from HEK293T cells transfected with USP33 cDNA clone (Cat# [RC217069]) using MegaTran 2.0 (Cat# [TT210002]).