

Product datasheet for TP309755L

USP25 (NM_013396) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 25 (USP25), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209755 representing NM_013396 Red=Cloning site Green=Tags(s)

MTVEQNVLQQSAAQKHQQTFLNQLREITGINDTQILQQALKDSNGNLELAVAFLLAKNAKTPQQEETTY
QTALPGNDYISVGSQADTNVIDLTGDDKDDLQRAIALSLAESNRAFRETGITDEEQAISRVLEASIAEN
KACLRTPTEVWRDSRNPYDRKRQDKAPVGLKNVGNTCWFSAVIQSLFNLLFRRLVLNYKPPSNAQDLP
RNQKEHRNLPFMRELRYLFALLVGTGRKYVDPSSRAVEILKDAFKSNDSQQQDVSEFTHKLLDWLEDAFQM
KAEETDEEKPKNPMVELFYGRFLAVGVLEGKFFENTEMFGQYPLQVNGFKDLHECLEAMIEGIESLH
SENSGKSGQEHWFTELPPVLTFFELSRFEFNQALGRPEKIHNKLEFPQVLYLDRYMHRNREITRIKREEIK
RLKDYLTVLQQLRLERYLSYSGGPKRFLVDVLQYALEFASSKPVCTSPVDDIDASSPPSGSIPSQTLPT
TEQQGALSSELPSTSPSSVAAISSRSVIHKPFTQSRIPDPLMHPAPRHITTEELSULESCLHRWRTEIE
NDTRDLQESISRIHRTIELMYSKSMIQVRYLHVLVHEGQANAGHYWAYIFDHRESRWMKYNDIAVTK
SSWEELVRDSFGGYRNASAYCLMYINDKAQFLIQEEFNKETGQPLVGIETLPPDLRDFVEEDNQRFEKEL
EWDQAQAQKALQEKLLASQKLRESESVTTAQAAGDPEYLEQPSRSDFSKHLKEETIQIITKASHEHED
KSPETVLQSAIKLEYARLVKLAQEDTPPETDYRLHHVWYFIQNQAPKIIKTLLEQFGDRNLSFDERC
HNIMKVAQAKLEMIPPEVNLEEYEEWHQDYRKFRETTMYLIIGLENFQRESYIDSLFLICAYQNNKEL
LSKGLYRGHDEELISHYRRECLLKLNEQAELFESGEDREVNNGLIIMNEFIVPFLPLLLVDEMEEKDIL
AVEDMRNRWCSYLGQEMEPHLQEKLTDPLKLLDCSMEIKSFHEPPKLPSSYTHELCERFARIMLSLSRT
PADGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

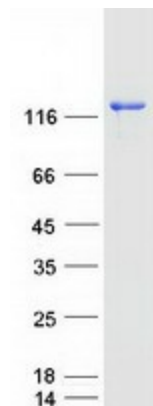
Tag:	C-Myc/DDK
Predicted MW:	122 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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:	NP_037528
Locus ID:	29761
UniProt ID:	Q9UHP3
RefSeq Size:	4968
Cytogenetics:	21q21.1
RefSeq ORF:	3165
Synonyms:	USP21
Summary:	Ubiquitin (MIM 191339) is a highly conserved 76-amino acid protein involved in regulation of intracellular protein breakdown, cell cycle regulation, and stress response. Ubiquitin is released from degraded proteins by disassembly of the polyubiquitin chains, which is mediated by ubiquitin-specific proteases (USPs), such as USP25 (Valero et al., 1999 [PubMed 10644437]).[supplied by OMIM, Mar 2008]
Protein Families:	Protease

Product images:



Coomassie blue staining of purified USP25 protein (Cat# [TP309755]). The protein was produced from HEK293T cells transfected with USP25 cDNA clone (Cat# [RC209755]) using MegaTran 2.0 (Cat# [TT210002]).