

## Product datasheet for TP309755M

### USP25 (NM\_013396) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 25 (USP25), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209755 representing NM_013396 Red=Cloning site Green=Tags(s)

MTVEQNVLQQSAAQKHQQTFLNQLREITGINDTQILQQALKDSNGNLELAVAFLLAKNAKTPQQEETYY  
QTALPGNDRYISVGSQADTNVIDLTGDDKDDLQRAIALSLAESNRAFRETGITDEEQAISRVLEASIAEN  
KACLRTPTEVWRDSRNPYDRKRQDKAPVGLKNVGNTCWFSAVIQSLFNLLFRRLVLNYKPPSNAQDLP  
RNQKEHRNLPFMRRLRYLFALLVGTGRKYVDPSSRAVEILKDAFKSNDSQQQDVSEFTHKLLDWLEDAFQM  
KAEETDEEKPKNPMVELFYGRFLAVGVLEGKFFENTEMFGQYPLQVNGFKDLHECLEAMIEGIESLH  
SENSGKSGQEHWFTELPPVLTFFELSRFEFNQALGRPEKIHNKLEFPQVLYLDRYMHRNREITRIKREEIK  
RLKDYLTVLQQRLERYLSYSGGPKRFLVDVLQYALEFASSKPVCTSPVDDIDASSPPSGSIPSQTLPT  
TEQQGALSSELPSTSPSSVAAISSRSVIHKPFTQSRIPDPLMHPAPRHITTEELSULESCLHRWRTEIE  
NDTRDLQESISRIHRTIELMYSKSMIQVPYRLHAVLVHEGQANAGHYWAYIFDHRESRWMKYNDIAVTK  
SSWEELVRDSFGGYRNASAYCLMYINDKAQFLIQEEFNKETGQPLVGIETLPPDLRDFVEEDNQRFEKEL  
EWDQAQAQKALQEKLLASQKLRESESVTTAQAAGDPEYLEQPSRSDFSKHLKEETIQIITKASHEHED  
KSPETVLQSAIKLEYARLVKLAQEDTPPETDYRLHHVWYFIQNQAPKKIIEKTLLEQFGDRNLSFDERC  
HNIMKVAQAKLEMIPPEVNLEEYEEWHQDYRKFRETTMYLIIGLENFQRESYIDSLFLICAYQNNKEL  
LSKGLYRGHDEELISHYRRECLLKLNEQAELFESGEDREVNNGLIIMNEFIVPFLPLLLVDEMEEKDIL  
AVEDMRNRWCSYLGQEMEPHLQEKLTDPLKLLDCSMEIKSFHEPPKLPSTHLCERFARIMLSLSRT  
PADGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

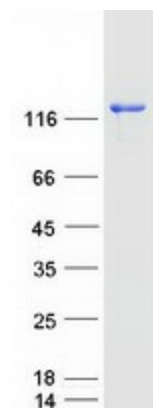
Tag:	C-Myc/DDK
Predicted MW:	122 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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_037528</a>
<b>Locus ID:</b>	29761
<b>UniProt ID:</b>	<a href="#">Q9UHP3</a>
<b>RefSeq Size:</b>	4968
<b>Cytogenetics:</b>	21q21.1
<b>RefSeq ORF:</b>	3165
<b>Synonyms:</b>	USP21
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).