

## Product datasheet for TP308974L

### USP38 (NM\_032557) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin specific peptidase 38 (USP38), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208974 protein sequence Red=Cloning site Green=Tags(s)

MDKILEGLVSSSHPLPLKRVIVRKVVESAHEHWLDEAQCEAMFDLTTTRLILEGQDPFQRQVGHQVLEAYAR  
YHRPEFESFFNKTFLVLLHQQGYHSLDRKDVAILDYIHNGLKLIMSCPSVLDLFSLLQVEVLRMVCERPE  
PQLCARLSDLLTDFVQCIPKGKLSITFCQQLVRTIGHFQCVSTQERELREYVSQVTKVSNLLQNIWKAEP  
ATLLPSLQEVFASISSTDASFEPSVALASLVQHIPLQMITVLIRSLTDPNVKDASMTQALCRMIDWLSW  
PLAQHVDTWVIALKGLAAVQKFTILIDVTLLKIELVFNRLWFPLVRPGALAVLSHMLLSFQHSPEAFHL  
IVPHVWNLVHSFKNDGLPSSTAFLVQLTELIHCCMMYHYSGFDPDLYEPILAEIKDFPKPSEEKIKLILNQS  
AWTSQSNLASCLSRLSGKSETGKTGLINLGNTCYMNSVIQALFMATDFRRQVLSLNLNGCNSLMKKLQH  
LFAFLAHTQREAYAPRIFFEASRPWFPTPRSQQDCSEYLRFLDLRLHEEEKILKVQASHKPEILECSET  
SLQEVASKAAVLTETPRTSDGEKTLIEKMFGGKLRTHIRCLNCRSTSQKVEAFTDLSLAFPCSSSLENMS  
VQDPASSPSIQDGLMQASVPGPSEEPWYNPTTAAFCDSLVNEKTIGSPPNEFYCSENTSVPNESNKI  
LVNKDVPQKPGGETTPSVTDLLNYFLAPEILTGDNQYYCENCASLQNAEKTMQITEEPEYLITLLRFSY  
DQKYHVRKILDNVSLPLVLELPVKRITSFSSLSSESWSVDVDFDLSENLAKKLPKSGTDEASCTKLVPI  
LLSSVVVHSGISSESGHYYSYARNITSTDSSYQMYHQSEALALASSQSHLLGRDSPSAVFEQDLENKEMS  
KEWFLFNDSRVTFTSFQSVQKITSRFPKDTAYVLLYKKQHSTNGLSGNNPTSGLWINGDPPLQKELMDAI  
TKDNKLYLQEQELNARARALQAASASCSPNGFDDNDPPGSCGPTGGGGGGGFNTVGRLVF

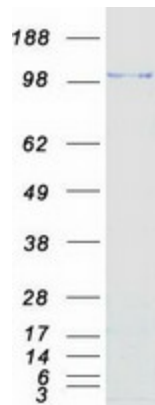
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	116.4 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_115946</a>
<b>Locus ID:</b>	84640
<b>UniProt ID:</b>	<a href="#">Q8NB14</a>
<b>RefSeq Size:</b>	7081
<b>Cytogenetics:</b>	4q31.21
<b>RefSeq ORF:</b>	3126
<b>Synonyms:</b>	HP43.8KD
<b>Summary:</b>	Deubiquitinating enzyme exhibiting a preference towards 'Lys-63'-linked ubiquitin chains. [UniProtKB/Swiss-Prot Function]
<b>Protein Families:</b>	Druggable Genome, Protease

**Product images:**

Coomassie blue staining of purified USP38 protein (Cat# [TP308974]). The protein was produced from HEK293T cells transfected with USP38 cDNA clone (Cat# [RC208974]) using MegaTran 2.0 (Cat# [TT210002]).