

## Product datasheet for PH308974

### USP38 (NM\_032557) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	USP38 MS Standard C13 and N15-labeled recombinant protein (NP_115946)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208974
Predicted MW:	116.5 kDa
Protein Sequence:	>RC208974 protein sequence Red=Cloning site Green=Tags(s)

MDKILEGLVSSSHPLPLKRIVIRKVVESAEHWLDEAQCEAMFDLTTRLILEGQDPFQRQVGHQVLEAYAR  
YHRPEFESFFNKTFVLGLLHQGYHSLDRKDVAILDYIHNGLKLIMSCPSVLDLFSLLQVEVLRMVCERPE  
PQLCARLSDLLTDFVQCIPKGLSITFCQQLVRTIGHFQCVSTQERELREYVSQVTKVSNLLQNIWKAEP  
ATLLPSLQEVFASISSTDASFEPSVALASLVQHIPLQMITVLIRSLTDDPNVKDASMTQALCRMIDWLSW  
PLAQHVDTWVIALLKGLAAVQKFTILIDVTLKIELVFNRLWFPLVRPGALAVLSHMLLSFQHSPEAFHL  
IVPHVNLVHSFKNDGLPSSTAFVLVQLTELIHCMYHYSGFPDLYEPILEAIKDFPKPSEEKIKLILNQS  
AWTSQSNSLASCLSRLSGKSETGKTGLINLGNTCYMNSVIQALFMATDFRRQVLSLNLGNCNSLMKKLQH  
LFAFLAHTQREAYAPRIFFEASRPPWFTPRSQQDCSEYLRFLDLRLHEEEKILKVQASHKPSEILECSET  
SLQEVASKAAVL TETPRTSDGEKTLIEKMFGGKLRTHIRCLNCRSTSQKVEAFTDL SLAFCPSSLENMS  
VQDPASSPSIQDGLMQASVPGPSEEPVYVNPPTAAAFICDSL VNEKTI GSPPNEFYCSENTSVPNESNKI  
LVNKDVPQKPGGETTPSVTDLLNYFLAPEIL TGDNQYYCENCASLQNAEKT MQITEEPEYLIL TLLRFSY  
DQKYHVRKILDNVSLPLVLELPVKRITSFSSLSWSVDVDFDLS ENLAKKPKSGTDEASCTKLVPI  
LLSSVVHSGISSESGHYYSARNITSTDSSYQMYHQSEALALASSQSHLLGRDSPA VFEQDLENKEMS  
KEWFLFNDSRVTF TFSQSVQKITSRFPKDTAYVLLYKQHQSTNGLSGNPTSGLWINGDPPLQKELMDAI  
TKDNKLYLQEQLNARARALQAASASC SFRPNGFDDNDPPGSCGPTGGGGGGFNTVGRLVF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

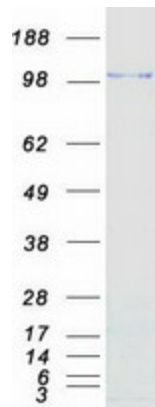
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_115946</a>
RefSeq Size:	7081
RefSeq ORF:	3126
Synonyms:	HP43.8KD
Locus ID:	84640
UniProt ID:	<a href="#">Q8NB14</a>
Cytogenetics:	4q31.21
Summary:	Deubiquitinating enzyme exhibiting a preference towards 'Lys-63'-linked ubiquitin chains. [UniProtKB/Swiss-Prot Function]
Protein Families:	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]).