

## Product datasheet for PH309755

### USP25 (NM\_013396) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	USP25 MS Standard C13 and N15-labeled recombinant protein (NP_037528)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209755
Predicted MW:	122 kDa
Protein Sequence:	>RC209755 representing NM_013396 Red=Cloning site Green=Tags(s)

MTVEQNVLQQSAAQKHQQTFLNQLREITGINDTQILQQALKDSNGNLELAVAFLLAKNAKTPQQEETTY  
QTALPGNDRYISVGSQADTNVIDLTGDDKDDLQRAIALSLAESNRAFRETGITDEEQAISRVLEASIAEN  
KACLKRTPTVWRDSRNPYDRKRQDKAPVGLKNVGNTCWFSAVIQSLFNLLFRRLVLNYKPPSNAQDLP  
RNQKEHRNLPFMRELRYLFAALLVGTKRKYVDPSRAVEILKDAFKSNDSSQQQDVSEFTHKLLDWLEDAFQM  
KAEETDEEKPKNPMVELFYGRFLAVGVLEGKKFENTEMFGQYPLQVNGFKDLHECLEAAMIEGEIESLH  
SENSGKSGQEHWFTELPVLT FELSRFEFNQALGRPEKIHNKLEFPQVL YLDRYMHRNREITRIKREEIK  
RLKDYLTVLQQRLERYLSYSGGPKRFPLVDVLQYALEFASKPVCTSPVDDIDASSPPSGSIPSQTL PST  
TEQQGALSSEL PSTSPSSVAAISSRSVIHKPFTQSRIPDLPMHPAPRHITEEELSVLESCLHRWRTEIE  
NDTRDLQESISRIHRTIELMYSKSMIQVPYRLHAVLVHEGQANAGHYWAYIFDHRESRWKMYNDIAVTK  
SSWEELVRDSFGGYRNASAYCLMYINDKAQFLIQEEFNKETGQPLVGIETLPPDLRDFVEEDNQRFEKEL  
EEWDAQLAQKALQEKLLASQKLRESESVTTAQAAGDPEYLEQPSRSDFSKHLKEETIQIITKASHEHD  
KSPETVLQSAIKLEYARLVKLAQEDTPPETDYRLHHVVVYFIQNQAPKKIIEKTLLEQFGDRNLSFDERC  
HNIMKVAQAKLEMIPKEEVNLEEYEEWHDYRKFRETTMYLIIGLENFQRESYIDSLFLICAYQNNKEL  
LSKGLYRGHDEELISHYRRECLLKLNEQAAELFESGEDREVNGLIIMNEFIVPFLPLLVDMEEKDIL  
AVEDMRNRWCSYLGQEMEPHLQEKLTDFLPKLLDCSMEIKSFHEPPKLPYSTHEL CERFARIMLSL SRT  
PADGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

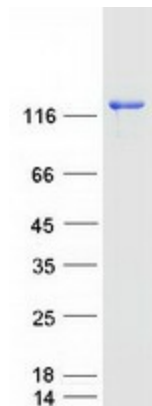
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15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



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<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_037528</a>
<b>RefSeq Size:</b>	4968
<b>RefSeq ORF:</b>	3165
<b>Synonyms:</b>	USP21
<b>Locus ID:</b>	29761
<b>UniProt ID:</b>	<a href="#">Q9UHP3</a>
<b>Cytogenetics:</b>	21q21.1
<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]).