

Recombinant Human USP25 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. USP25-1051H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	USP25 MS Standard C13 and N15-labeled recombinant protein (NP_037528) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Ubiquitin 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.
Molecular Mass	122 kDa
AA Sequence	MTVEQNVLQQSAAQKHQQTFLNQLREITGINDTQILQQALKDSNGNLELAVAFLTAK NAKTPQQEETYYQTALPGNDYISVGSQADTNVIDLTGDDKDDLQRAIALSLAESN RAFRETGITDEEQAISRVLEASIAENKACLKRTPTVWRDSRNPYDRKRQDKAPVGL KNVGNTCWFSAVIQSLFNLLEFRRLVLNYKPPSNAQDLPRNQKEHRNLPFMRELRY LFALLVGTKRKYVDPSRAVEILKDAFKSNDSQQQDVSEFTHKLLDWLEDAFQMKA EETDEEKPKNPMVELFYGRFLAVGVLEGKKFENTEMFGQYPLQVNGFKDLHECLEA AMIEGEIESLHSENSGKSGQEHWFTELPPVLT FELSRFEFNQALGRPEKIH NKLEFP QVLYLD RYMHRNREITRIKREEIKRLKDYLTVLQQR LERYLSYSGSGPKRFPLVDVLQY ALEFASSKPVCTSPVDDIDASSPPSGSIPSQTL PSTTEQQGALSSEL PSTSPSSVA AI

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SSRSVIHKPFTQSRIPDLPMHPAPRHITEEELSVLESCLHRWRTEIENDTRDLQESI
 SRIHRTIELMYSDKSMIQVPYRLHAVLVHEGQANAGHYWAYIFDHRESRWMKYNDIA
 VTKSSWEELVRDSFGGYRNASAYCLMYINDKAQFLIQEEFNKETGQPLVGIETLPPD
 LRDFVEEDNQRFEEKELEEWDAQLAQKALQEKLKLLASQKLRESESVTTAQAGDPEY
 LEQPSRSDFSKHLKEETIQITKASHEHEDKSPETVLQSAIKLEYARLVKLAQEDTPPE
 TDYRLHHVVVYFIQNQAPKKIIEKTLLEQFGDRNLSFDERCHNIMKVAQAKLEMIKPE
 EVNLEEYEEWHQDYRKFRETTMYLIIGLENFQRESYIDSLFLICAYQNNKELLSKGL
 YRGHDEELISHYRRECLLKLNEQAAELFESGEDREVNNGLIIMNEFIVPFLPLLLVDE
 MEEKDILAVEDMRNRWC SYLGQEMEPHLQEKLTDPLPKLLDCSMEIKSFHEPPKLP
 SYSTHELCEERFARIMLSLSRTPADGRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name USP25 ubiquitin specific peptidase 25 [Homo sapiens (human)]

Official Symbol USP25

Synonyms USP25; ubiquitin specific peptidase 25; ubiquitin specific protease 25; ubiquitin carboxyl-terminal hydrolase 25; USP21; USP on chromosome 21; ubiquitin thioesterase 25; deubiquitinating enzyme 25; ubiquitin thiolesterase 25; ubiquitin-

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specific processing protease 25; ubiquitin-specific-processing protease 25;

Gene ID 29761

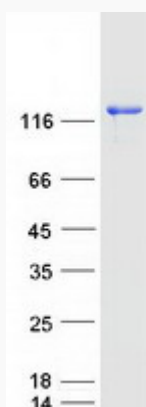
mRNA Refseq NM_013396

Protein Refseq NP_037528

MIM 604736

UniProt ID Q9UHP3

SDS-PAGE



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