

Product datasheet for PH300870

DCUN1D5 (NM_032299) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DCUN1D5 MS Standard C13 and N15-labeled recombinant protein (NP_115675)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200870
Predicted MW:	27.5 kDa
Protein Sequence:	>RC200870 protein sequence Red=Cloning site Green=Tags(s) MPVKKRKRKSPGVAAVAEDGGLKKCKISSYCRSQPPARLISGEEHFSSKKCLAWFYEYAGPDEVVGPEGM EKFCEDIGVEPENIIMLVLAWKLEAESMGFFTKKEWLKGMTSLQCDCTEKLQNKFDLRSQLNDISSFKN IYRYAFDFARDKDQRSLDIDTAKSMLALLLGRWPLFSVFYQYLEQSKYRVMNKDQWYNVLEFSRTVHAD LSNYDEDGAWPVLLDEFVEWQKVRQTS 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_115675
RefSeq Size:	12732
RefSeq ORF:	711
Synonyms:	SCCRO5
Locus ID:	84259
UniProt ID:	Q9BTE7 , A0A024R3A2

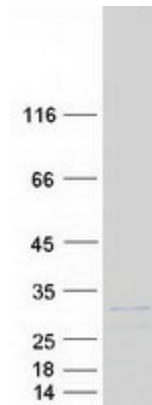


[View online »](#)

Cytogenetics: 11q22.3

Summary: Contributes to the neddylation of all cullins by transferring NEDD8 from N-terminally acetylated NEDD8-conjugating E2s enzyme to different cullin C-terminal domain-RBX complexes which is necessary for the activation of cullin-RING E3 ubiquitin ligases (CRLs) (PubMed:26906416, PubMed:23201271, PubMed:19617556). May play a role in DNA damage response and may participate to cell proliferation and anchorage-independent cell growth (PubMed:23098533, PubMed:24192928).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified DCUN1D5 protein (Cat# [TP300870]). The protein was produced from HEK293T cells transfected with DCUN1D5 cDNA clone (Cat# [RC200870]) using MegaTran 2.0 (Cat# [TT210002]).