

Product datasheet for PH308821

DCUN1D4 (NM_015115) Human Mass Spec Standard

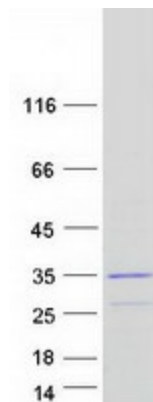
Product data:

Product Type:	Mass Spec Standards
Description:	DCUN1D4 MS Standard C13 and N15-labeled recombinant protein (NP_055930)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208821
Predicted MW:	30 kDa
Protein Sequence:	>RC208821 protein sequence Red=Cloning site Green=Tags(s) MHSDAAAVNFQLNSHLSTLANIHKIYHTLNKLNLTEDIGQDDHQTGSLRSCSSDCFNKVMPPRRKRRPA SGDDLAKKSRHDSMYRKYDSTRIKTEEEAFSSKRCLEWFYAYAGTDDVVGPEGMEKFCEDIGVEPENNV MLVLAWKLDAQNMGYFTLQEWLKGMTSLQCDTTEKLRNTLDYLRSLNDSTNFKLIYRYAFDFARQSKYK VINKDQWCNVLEFSRTINLDLSNYDEDGAWPVLLDEFVEWYKDKQMS 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_055930
RefSeq Size:	4283
RefSeq ORF:	771
Locus ID:	23142
UniProt ID:	Q92564
Cytogenetics:	4q12


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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 are necessary for the activation of cullin-RING E3 ubiquitin ligases (CRLs). [UniProtKB/Swiss-Prot Function]

Product images:


Coomassie blue staining of purified DCUN1D4 protein (Cat# [TP308821]). The protein was produced from HEK293T cells transfected with DCUN1D4 cDNA clone (Cat# [RC208821]) using MegaTran 2.0 (Cat# [TT210002]).