

Product datasheet for PH315991

CCDC91 (NM_018318) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CCDC91 MS Standard C13 and N15-labeled recombinant protein (NP_060788)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215991
Predicted MW:	49.8 kDa
Protein Sequence:	>RC215991 representing NM_018318 Red=Cloning site Green=Tags(s)

MDDDDFGGFEEAETFDGGSGETQTTSPAIPWAAFPVAVSGVHLSPPSPEIVLDRDHSSIGCLSSDAIISS
PENTHAANSIVSQTIIPKAIQQSTHTLDSLFLPLGLTDEKSNGTIALVDDSEDPGANVSNISLQKQKISS
LEIKLKVSEEEKQRIKQDVESLMEKHNVLEKGFLEKEQEASISFQDRYKELQEKHKQELEDMRKAGHEAL
SIIIVDEYKALLQSSVKQVVEAIEKQYISAEIKQAHKCEELLNAQHQRLLLEMLDTEKELLKEIKEALIQQ
SQEQKEILEKCLEEERQRNKEALVSAAKLEKEAVKDAVLKVVVEERKNLEKAHAEEERELWKTEHAKDQEK
VSQEIQKAIQEQRKISQETVKAIIIEEQKRSEKAVEEAVKRTRDELIEYIKEQKRLDQVIRQRSLSLEL
FLSQAQQLSALIAATEPVDIE

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_060788
RefSeq Size:	2352
RefSeq ORF:	1323
Synonyms:	HSD8; p56



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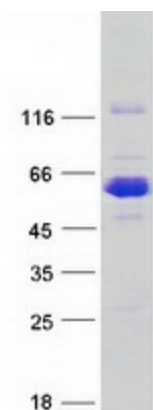
Locus ID: 55297

UniProt ID: [Q7Z6B0](#), [A0A024RAW6](#), [Q05D28](#)

Cytogenetics: 12p11.22

Summary: Involved in the regulation of membrane traffic through the trans-Golgi network (TGN). Functions in close cooperation with the GGAs in the sorting of hydrolases to lysosomes. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CCDC91 protein (Cat# [TP315991]). The protein was produced from HEK293T cells transfected with CCDC91 cDNA clone (Cat# [RC215991]) using MegaTran 2.0 (Cat# [TT210002]).