

Product datasheet for PH306101

CCDC93 (NM_019044) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CCDC93 MS Standard C13 and N15-labeled recombinant protein (NP_061917)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206101
Predicted MW:	73.1 kDa
Protein Sequence:	>RC206101 protein sequence Red=Cloning site Green=Tags(s)

MGLPRGPEGQGLPEVETREDEEQNVKLTEILELLVAAGHFRARIKGLSPFDKVVGGMTWCITTCNFDVDV
DLLFQENSTIGQKIALSEKIVSVLPRMKCPHQLEPHQIQGMDFIHIFPVVQWLVKRAIETKEEMGDYIRS
YSVSQFQKTYSLPEDDDFIKRKEKAIKTVVDLSEVYKPRRKYKRHQGAEEELDEESRIHATLLEYGRRYG
FSCQSKMEKAEDKKTALPAGLSATEKADAHEEDELRAAEEQRIQSLMTKMTAMANEESRLTASSVGQIVG
LCSAEIKQIVSEYAEKQSEL SAEESPEKLGTSQLHRRKVISLNKQIAQKTKHLEELRASHTSLQARYNEA
KKTLTELKTYSEKLDKEQAALKEIESKADPSILQNLRALVAMNENLKSQEQEFKAHCREEMTRLQQEIEIEN
LKAERAPRGDEKTLSSGEPPTLTSAMTHDEDLDRRYNMEKEKLYKIRLLQARRNREIAILHRKIDEVPS
RAELIQYQKRFIELYRQISAVHKETKQFFTLYNTLDDKKVYLEKEISLLNSIHENFSQAMASPAARDQFL
RQMEQIVEGIKQSRMKMEKKKQENKMRRDQLNDQYLELLEKQRLYFKTVKEFKEEGRKNEMLLSKVKAKA
S

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_061917
RefSeq Size:	6946



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RefSeq ORF: 1893

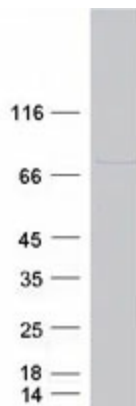
Locus ID: 54520

UniProt ID: [Q567U6](#)

Cytogenetics: 2q14.1

Summary: Component of the CCC complex, which is involved in the regulation of endosomal recycling of surface proteins, including integrins, signaling receptor and channels. The CCC complex associates with SNX17, retriever and WASH complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGA5:ITGB1 (PubMed:28892079, PubMed:25355947). Involved in copper-dependent ATP7A trafficking between the trans-Golgi network and vesicles in the cell periphery; the function is proposed to depend on its association within the CCC complex and cooperation with the WASH complex on early endosomes and is dependent on its interaction with WASHC2C (PubMed:25355947). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CCDC93 protein (Cat# [TP306101]). The protein was produced from HEK293T cells transfected with CCDC93 cDNA clone (Cat# [RC206101]) using MegaTran 2.0 (Cat# [TT210002]).