

#### OriGene Technologies, Inc.

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# Product datasheet for TP306101

### CCDC93 (NM\_019044) Human Recombinant Protein

### **Product data:**

Product Type:	Recombinant Proteins		
Description:	Recombinant protein of human coiled-coil domain containing 93 (CCDC93), 20 $\mu g$		
Species:	Human		
Expression Host:	HEK293T		
Expression cDNA Clone or AA Sequence:	>RC206101 protein sequence Red=Cloning site Green=Tags(s)		
	MGLPRGPEGQGLPEVETREDEEQNVKLTEILELLVAAGHFRARIKGLSPFDKVVGGMTWCITTCNFDVDV DLLFQENSTIGQKIALSEKIVSVLPRMKCPHQLEPHQIQGMDFIHIFPVVQWLVKRAIETKEEMGDYIRS YSVSQFQKTYSLPEDDDFIKRKEKAIKTVVDLSEVYKPRRKYKRHQGAEELLDEESRIHATLLEYGRRYG FSCQSKMEKAEDKKTALPAGLSATEKADAHEEDELRAAEEQRIQSLMTKMTAMANEESRLTASSVGQIVG LCSAEIKQIVSEYAEKQSELSAEESPEKLGTSQLHRRKVISLNKQIAQKTKHLEELRASHTSLQARYNEA KKTLTELKTYSEKLDKEQAALEKIESKADPSILQNLRALVAMNENLKSQEQEFKAHCREEMTRLQQEIEN LKAERAPRGDEKTLSSGEPPGTLTSAMTHDEDLDRRYNMEKEKLYKIRLLQARRNREIAILHRKIDEVPS RAELIQYQKRFIELYRQISAVHKETKQFFTLYNTLDDKKVYLEKEISLLNSIHENFSQAMASPAARDQFL RQMEQIVEGIKQSRMKMEKKKQENKMRRDQLNDQYLELLEKQRLYFKTVKEFKEEGRKNEMLLSKVKAK A S		
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV		
Tag:	C-Myc/DDK		
Predicted MW:	73 kDa		
Concentration:	>0.05 µg/µL as determined by microplate BCA method		
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining		
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol		
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.		
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.		
Storage:	Store at -80°C.		



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	CCDC93 (NM_019044) Human Recombinant Protein – TP306101
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 061917</u>
Locus ID:	54520
UniProt ID:	<u>Q567U6</u>
RefSeq Size:	6946
Cytogenetics:	2q14.1
RefSeq ORF:	1893
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:

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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]).

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