

#### OriGene Technologies, Inc.

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# Product datasheet for TP308821

### DCUN1D4 (NM\_015115) Human Recombinant Protein

### **Product data:**

Description:Recombinant protein of human DCN1, defective in cullin neddylation 1, domain containing 4 (5. cerevisiae) (DCUN1D4), transcript variant 2, 20 µgSpecies:HumanExpression Host:HEK293TExpression cDNA Clome or AA Sequence:Red208821 protein sequence Red=Cloning site Green=Tags(s)MHSDAAAVNFQLNSHLSTLANIHKIYHTLNKLNLTEDIGQDDHQTGSLRSCSSSDCFNKVMPPRKKRRPA SGDDLSAKKSRHDSMVRKYDSTRIKTEEEAFSSKRCLEWPFYAGTDDVGPEGMEKFCEDIGVEPENVV MLVLAWKLDAQNMGYFTLQEWLKGMTSLQCDTTEKLRNTLDYLRSFLNDSTNFKLIYRYAFDFARQSKYK VINKDQWCNVLEFSRTINLDLSNYDEDGAWPVLLDEFVEWYKDKQMSTag:C-Myc/DDKPredicted MW:9.06.9 µg/µL as determined by microplate BCA methodOons purplus> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPreparation: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:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA Cloop>RC208821 protein sequenceor AA Sequence:>Rcd=Cloning site Green=Tags(s)MHSDAAAVNFQLNSHLSTLANIHKIYHTLNKLNLTEDIGQDDHQTGSLRSCSSSDCFNKVMPPRKKRRPA SGDDLSAKKSRHDSMYRKYDSTRIKTEEEAFSSKRCLEWFYEYAGTDDVVGPEGMEKFCEDIGVEPENVV MLVLAWKLDAQNMGYFTLQEWLKGMTSLQCDTTEKLRNTLDYLRSFLNDSTNFKLIYRYAFDFARQSKYK VINKDQWCNVLEFSRTINLDLSNYDEDGAWPVLLDEFVEWYKDKQMSTag:C-Myc/DDKPredicted MW:29.8 kDaOncentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Storage-Stability:Stable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.	Description:	
Expression cDNA CloomRc208821 protein sequence Red=Cloning site Green=Tags(s)MHSDAAAVNFQLNSHLSTLANIHKIYHTLNKLNLTEDIGQDHQTGSLRSCSSDCFNKVMPPRKKRRPA SGDDLSAKKSRHOSMYRKYDSTRIKTEEEAFSSKRCLEWFYEYAGTDDVVGPEGMEKFCEDIGVEPENVV MLVLAWKLDAQNMGYFTLQEWLKGMTSLQCDTTEKLRNTLDYLRSFLNDSTNFKLIYRYAFDFARQSKYK NNKDQWCNVLEFSRTINLDLSNYDEDGAWPVLLDEFVEWYKDKQMSTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVFag:C-Myc/DDKPredicted MW:9.8 kDa6uncentration:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora 4.80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and andling conditions. Avoid repeated freeze-thaw cycles.	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MHSDAAAVNFQLNSHLSTLANIHKIYHTLNKLNLTEDIGQDDHQTGSLRSCSSDCFNKVMPPRKKRRPA SGDDLSAKKSRHDSMYRKYDSTRIKTEEEAFSSKRCLEWFYEYAGTDDVVGPEGMEKFCEDIGVEPENVV MLVLAWKLDAQNMGYFTLQEWLKGMTSLQCDTTEKLRNTLDYLRSFLNDSTNFKLIYRYAFDFARQSKYK VINKDQWCNVLEFSRTINLDLSNYDEDGAWPVLLDEFVEWYKDKQMSTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:29.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation: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.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	Expression Host:	HEK293T
SGDDLSAKKSRHDSMYRKYDSTRIKTEEEAFSSKRCLEWFYEYAGTDDVVGPEGMEKFCEDIGVEPENVV MLVLAWKLDAQNMGYFTLQEWLKGMTSLQCDTTEKLRNTLDYLRSFLNDSTNFKLIYRYAFDFARQSKYK VINKDQWCNVLEFSRTINLDLSNYDEDGAWPVLLDEFVEWYKDKQMSTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:29.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation: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.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	-	
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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.	Note:	
handling conditions. Avoid repeated freeze-thaw cycles.	Storage:	Store at -80°C.
	Stability:	
	RefSeq:	<u>NP 055930</u>
Locus ID: 23142	Locus ID:	23142



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	DCUN1D4 (NM_015115) Human Recombinant Protein – TP308821
UniProt ID:	<u>Q92564</u>
RefSeq Size:	4283
Cytogenetics:	4q12
RefSeq ORF:	771
Summary:	Contributes to the neddylation of all cullins by transfering 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:**

116	_	
66	_	
45	_	
35	_	-
25	_	
18	_	
14	-	

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]).

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