

#### OriGene Technologies, Inc.

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# **Product datasheet for PH311843**

### CCDC43 (NM\_001099225) Human Mass Spec Standard

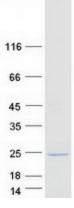
### **Product data:**

Description:CCDC43 MS Standard C13 and N15-labeled recombinant protein (NP_001092695)Species:HumanSpecies:HumanExpression DNA CompRel293Predicted MW:6.6 kDaPredicted MW:6.6 kDaPretein Sequence:Rel211843 representing NM_00109225 Red=cloning site Green=Tags(s)Pretein Sequence:Rel201843 representing NM_00109225 Red=cloning site Green=Tags(s)Tag:Omotop SupportTag:ComportPretein Sequence:SelvestAlarGebogGGGSWLDGRLEALGVDRAVGAVILGILGEEEEEKLDALQGILSAFLEE DSLUNCKETVERWSETQWVTKVKKEDEVQAIATLIEKQAQIVVKRPMVSEEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKKEDEVQAIATLIEKQAQIVVKRPMVSEEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKKEDEVQAIATLIEKQAQIVVKRPMVSEEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKKEDEVQAIATLIEKQAQIVVKRPMVSEEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAQIVKPRMVSEEKQRAALLQYADAVDD DSLUNCKETVERWSETQWVTKVKEDEVQAIATLIEKQAUTALIEKQAUTAVADAVDD DSLUNCKETWERKQRAALLQYADAVDD DSLUNCKETWERKQRAALLQYADAVDD DSLUNCKETWERKGRAALLQYADAVDD DS	Product Type:	Mass Spec Standards
Expression Host:HEK293Expression DNA ClossRC211843Predicted MW:16.6 kDaProtein Sequence:RC211843 representing NM_001099225 Red=Cloning site Green=Tags(s)MAAPSEVAAIAPGEGDGGGGGGSGSWLDGRLEALGVDRAVYGAYILGILQEEEEEKLDALQGILSAFLEE DSLLNICKEIVERWSETQNVYTKYKKEDEVQAIATLEKQAQIVVKRMMYSEEEKQRKAALLAQYADVTD EEDSVFKQCGGCPTag:CMyc/DDKPurity:>80% as determined by SDS-PAGE and Coomasie blue stainingConcentration:>0.05 µg/µ as determined by microplate BCA methodIbeling Method:Labeled with [U-13C6, 15N4]-LArginine and [U-13C6, 15N2]-LysineBuffer:0.05 µg/µ as determined by microplate BCA methodStorage:Stora 80°C, Avoid repeated freeze-thaw cycles.Storage:0.05 µg/µ as determined freeze-thaw cycles.RefSeq NE:0.810Apoliog26952088RefSeq ORF:0.2480Jup Advisory0.2480Locus ID:0.96MWI	Description:	CCDC43 MS Standard C13 and N15-labeled recombinant protein (NP_001092695)
Presistion cDNA ClousRC211843Predicted MW:16.6 kDaProtein Sequence:%C211843 representing NM_001099225 Red=Cloning site Green=Tags(s)MARPSEVALIAPGEODGGGGGGSWLDGRLEALGVDRAVYGAYLGILQEEEEEKLDALQGILSAFLEE DSLLNICKEIVERWSETQNVVTKVKKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRKAALLAQYADVTD EEDSVFKHQCRCPTag:CMyc/DDKPurity:<005 µg/µL as determined by SDS-PAGE and Coomassie blue stainingConcentration:<0.05 µg/µL as determined by microplate BCA methodBuffer:Subled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:Store at -80°C. Avoid repeated freeze-thaw cycles.Storage:Stole for 3 months from receipt of products under proper storage and handling conditionsRefSeq ORF:0.088RefSeq ORF:0.088Locus ID:U4808UniProt ID:Q96MW1	Species:	Human
or AA Sequence:Predicted MW:16.6 kDaProtein Sequence:>RC211843 representing NM_001099225 Red=Cloning site Green=Tags(s)MAAPSEVAAIAPGEGDGGGGGGSMLDGRLEALGVDRAVYGAYILGILQEEEEEKLDALQGILSAFLEE DSLLNTCKETVERWSETQNVYTKVKKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRKAALLAQYADVTD EEDSVPKHQGGCPTag:MAAPSEVAAIAPGEGDGGGGGSMLDGRLEALGVDRAVYGAYILGILQEEEEKLDALQGILSAFLEE DSLLNTCKETVERWSETQNVYTKVKKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRKAALLAQYADVTD EEDSVPKHQGGCPTag:C-Myc/DDKFag:C-Myc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingGoncentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:0.50 µg/µL as determined by microplate BCA methodStorage: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 RF:0.288RefSeq ORF:0.24808Locus ID:124808UniProt ID:0.96MW1	Expression Host:	HEK293
Protein Sequence:Sc211843 representing NM_001099225 Red=Cloning site Green=Tags(s)MAAPSEVAAIAPGEGDGGGGGFGSWLDGRLEALGVDRAVYGAYILGILQEEEEEKLDALQGILSAFLEE DSLLNICKEIVERWSETQNVVTKVKKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRKAALLAQYADVTD EEDSVPKHQCGRCPTarreLEQKLISEEDLAANDILDYKDDDDKVFag:C-Myc/DDKPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:025 mM Tris-HCI, 100 mM glycine, pH 7.3Storage: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 001092695RefSeq ORF:462Locus ID:124808UniProt ID:Q96MW1	•	RC211843
Red=Cloning site Green=Tags(s)MAAPSEVAAIAPGEGDGGGGGFGSWLDGRLEALGVDRAVYGAYILGILQEEEEEKLDALQGILSAFLEE DSLLNICKEIVERWSETQNVVTKVKKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRKAALLAQYADVTD EEDSVPKHQCGRCPTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 001092695RefSeq ORF:462Locus ID:124808UniProt ID:Q96MW1	Predicted MW:	16.6 kDa
DSLLNICKEIVERWSETQNVVTKVKKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRKAALLAQYADVTD EEDSVPKHQCGRCPTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:> 80% as determined by microplate BCA methodConcentration:> 0.05 µg/µL as determined by microplate BCA methodBuffer:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:0 Store at -80°C. Avoid repeated freeze-thaw cycles.Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.RefSeq:NP 001092695RefSeq ORF:462Locus ID:124808UniProt ID:096MW1	Protein Sequence:	
Tag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 001092695RefSeq ORF:62Locus ID:124808UniProt ID:096MW1		DSLLNICKEIVERWSETQNVVTKVKKEDEVQAIATLIEKQAQIVVKPRMVSEEEKQRKAALLAQYADVTD
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:> 80% as determined by microplate BCA methodConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 001092695RefSeq ORF:2088Locus ID:124808UniProt ID:096MW1		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Concentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 001092695RefSeq ORF:2088Locus ID:124808UniProt ID:096MW1	Tag:	C-Myc/DDK
Labeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 001092695RefSeq ORF:2088Locus ID:124808UniProt ID:096MW1	Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage: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 001092695RefSeq Size:2088RefSeq ORF:462Locus ID:124808UniProt ID:Q96MW1	Concentration:	>0.05 µg/µL as determined by microplate BCA method
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 001092695RefSeq Size:2088RefSeq ORF:462Locus ID:124808UniProt ID:Q96MW1	Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001092695RefSeq Size:2088RefSeq ORF:462Locus ID:124808UniProt ID:Q96MW1	Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
RefSeq: NP 001092695   RefSeq Size: 2088   RefSeq ORF: 462   Locus ID: 124808   UniProt ID: Q96MW1	Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
RefSeq Size: 2088   RefSeq ORF: 462   Locus ID: 124808   UniProt ID: Q96MW1	Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq ORF: 462   Locus ID: 124808   UniProt ID: Q96MW1	RefSeq:	<u>NP 001092695</u>
Locus ID: 124808   UniProt ID: Q96MW1	RefSeq Size:	2088
UniProt ID: <u>Q96MW1</u>	RefSeq ORF:	462
	Locus ID:	124808
<b>Cytogenetics:</b> 17q21.31	UniProt ID:	<u>Q96MW1</u>
	Cytogenetics:	17q21.31



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## **Product images:**



Coomassie blue staining of purified CCDC43 protein (Cat# [TP311843]). The protein was produced from HEK293T cells transfected with CCDC43 cDNA clone (Cat# [RC211843]) using MegaTran 2.0 (Cat# [TT210002]).

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