

OriGene Technologies, Inc.

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Product datasheet for TP304055

COTL1 (NM_021149) Human Recombinant Protein

Product data:

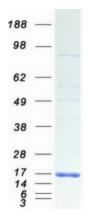
Nescription:Recombinant protein of human coactosin-like 1 (Dictyostelium) (COTL1), 20 µgSpecies:HumanExpression Host:HEK293TExpression CDNA Composition Sequence Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)MATKIDKEACRAAYNLVRDDDSAVIWVTFKYDGSTIVPGEQAEYQHFIQQCTDDVRLFAFVRFTTGDAM SKRSKFALITWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKELEEDFIKSELKKAGGANYDAQ LTTag:CMy/DDKPredicted MW:15.8 kDaConcentration:9.05 µg/µL as determined by microplate BCA methodPreparation:Scmin Stript (100 mM glycine, pH 7.3, 10% glycerolReferenceScmin Stript (100 mM glycine, pH 7.3, 10% glycerol)Note:Concentration:Storage:Korst 4.80°C.Storage:Stability:Storage:Stability:Mather Storage:Stability:Preficted ID:20.06927Lous ID:20.06927Lous ID:20.040384MTYZ	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA GeometryRC204055 protein sequence Red=Cloning site Green=Tags(s)MATKIDKEACRAAYNLVRDDGSAVIWVTFKYDGSTIVPGEQGAEYQHFIQQCTDDVRLFAFVRFTTGDAM SKRSKFALITWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKELEEDFIKSELKKAGGANYDAQ TETag:MATKIDKEACRAAYNLVRDDGSAVIWVTFKYDGSTIVPGEQGAEYQHFIQQCTDDVRLFAFVRFTTGDAM SKRSKFALITWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKELEEDFIKSELKKAGGANYDAQ TETag:CMCYDDKTag:CMyc/DDKPredicted MW:15.8 kDaConcentration: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 Microplate BCA methodPreparation:8ccombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora e. 80°C.Stabelity:Stabel for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 066972Locus ID:3406	Description:	Recombinant protein of human coactosin-like 1 (Dictyostelium) (COTL1), 20 μg
Everession cDNA CloomRC204055 protein sequence Red=Cloning site Green=Tags(s)MATKIDKEACRAAYNLVRDDGSAVIWVTFKYDGSTIVPGEQGAEYQHFIQQCTDDVRLFAFVRFTTGDAM SKRSKFALTWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKELEEDFIKSELKKAGGANYDAQ ZFTag:MATKIDKEACRAAYNLVRDDGSAVIWVTFKYDGSTIVPGEQGAEYQHFIQQCTDDVRLFAFVRFTTGDAM SKRSKFALTWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKELEEDFIKSELKKAGGANYDAQ ZFTag:TTTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:15.8 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingNote:0.5 µg/µL as determined by SDS-PAGE and Coomassie blue stainingRecombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor for testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stole for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:MP 066972Locus ID:3406	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MATKIDKEACRAAYNLVRDDGSAVIWVTFKYDGSTIVPGEQGAEYQHFIQQCTDDVRLFAFVRFTTGDAM SKRSKFALITWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKELEEDFIKSELKKAGGANYDAQ TETag:CMyc/DLKTag:C-Myc/DDKPredicted MW:15.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Store at -80°C.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.RefSeq:NP 066972Locus ID:3406	Expression Host:	HEK293T
SKRSKFALITWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKELEEDFIKSELKKAGGANYDAQ TETag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:15.8 kDaConcentration:>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:> 60% as determined by SDS-PAGE and Coomassie blue stainingNote:> 5 mM Tris-HCl, 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.RefSeq:NP_066972Locus ID:3406	•	
Tag:C-Myc/DDKPredicted MW:15.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 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.RefSeq:NP 066972Locus ID:33406		SKRSKFALITWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVISDRKELEEDFIKSELKKAGGANYDAQ
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handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 066972Locus ID:23406	Storage:	Store at -80°C.
Locus ID: 23406	Stability:	
	RefSeq:	<u>NP 066972</u>
UniProt ID: <u>Q14019</u> , <u>A0A384MTY2</u>	Locus ID:	23406
	UniProt ID:	<u>Q14019</u> , <u>A0A384MTY2</u>
RefSeq Size: 1893	RefSeq Size:	1893



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	COTL1 (NM_021149) Human Recombinant Protein – TP304055
Cytogenetics:	16q24.1
RefSeq ORF:	426
Synonyms:	CLP
Summary:	This gene encodes one of the numerous actin-binding proteins which regulate the actin cytoskeleton. This protein binds F-actin, and also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. Although this gene has been reported to map to chromosome 17 in the Smith-Magenis syndrome region, the best alignments for this gene are to chromosome 16. The Smith-Magenis syndrome region is the site of two related pseudogenes. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified COTL1 protein (Cat# TP304055). The protein was produced from HEK293T cells transfected with COTL1 cDNA clone (Cat# [RC204055]) using MegaTran 2.0 (Cat# [TT210002]).

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