

Product datasheet for TP314160M

NCALD (NM_001040626) Human Recombinant Protein

Product data:

Description:Purified recombinant protein of Homo sapiens neurocalcin delta (NCALD), transcript variant 3, 100 µgSpecies:HumanExpression Host:HEK293TExpression cDNA Clow or AA Sequence:PRC214160 protein sequence Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)TFDANGDGTIDFREFIIALSVTSRGKLEQKLKWAFSMYDLDGNGYISKAEMLEIVQAIYKMVSSVMKMPE DESTPEKRTENIFRQMDTNNDGKLSMEEFIRGAKSDPSIVRLLQCDPSSAGQFTag:CMGV/DDKPredicted MW:22.1 kDaConcentration:> 0.50 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Combinant 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:Stole or 1.80°C.Stability:Stable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 001035716Locus ID:8398	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA Cloo>RC214160 protein sequence Red=Cloning site Green=Tags(s)MGKQNSKLRPEVMQDLLESTDFTEHEIQEWYKGFLRDCPSGHLSMEEFKKIYGNFFPYGDASKFAEHVFR TFDANGDGTIDFREFIIALSVTSRGKLEQKLKWAFSMYDLDGNGYISKAEMLEIVQAIYKMVSSVMKMPE DESTPEKRTEKIFRQMDTNRDGKLSMEEFIRGAKSDPSIVRLLQCDPSSAQFTag:CMyc/DDKTag:C-Myc/DDKPredicted MW:2.1 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: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:Stora 4.80°C.Stablity:Stable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:M_ D01035716Locus ID:\$3988	Description:	
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Locus ID: 83988	Stability:	
	RefSeq:	<u>NP 001035716</u>
UniProt ID: P61601, B2RB70	Locus ID:	83988
	UniProt ID:	<u>P61601, B2RB70</u>



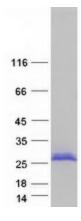
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OriGene Technologies, Inc.

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	NCALD (NM_001040626) Human Recombinant Protein – TP314160M
RefSeq Size:	3673
Cytogenetics:	8q22.3
RefSeq ORF:	579
Summary:	This gene encodes a member of the neuronal calcium sensor (NCS) family of calcium-binding proteins. The protein contains an N-terminal myristoylation signal and four EF-hand calcium binding loops. The protein is cytosolic at resting calcium levels; however, elevated intracellular calcium levels induce a conformational change that exposes the myristoyl group, resulting in protein association with membranes and partial co-localization with the perinuclear transgolgi network. The protein is thought to be a regulator of G protein-coupled receptor signal transduction. Several alternatively spliced variants of this gene have been determined, all of which encode the same protein; additional variants may exist but their biological validity has not been determined. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified NCALD protein (Cat# [TP314160]). The protein was produced from HEK293T cells transfected with NCALD cDNA clone (Cat# [RC214160]) using MegaTran 2.0 (Cat# [TT210002]).

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