OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP314556M

CABP2 (NM_016366) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calcium binding protein 2 (CABP2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214556 representing NM_016366 Red=Cloning site Green=Tags(s) MGNCAKRPWRRGPKDPLQWLGSPPRGSCPSPSSSPKEQGDPAPGVQGYSVLNSLVGPACIFLRPSIAAT Q LDRELRPEEIEELQVAFQEFDRDRDGYIGCRELGACMRTLGYMPTEMELIEISQQISGGKVDFEDFVELM GPKLLAETADMIGVRELRDAFREFDTNGDGRISVGELRAALKALLGERLSQREVDEILQDVDLNGDGLVD FEEFVRMMSR TRTRPLEQKLISEEDLAANDILDYKDDDDKV		**Tag:**	C-Myc/DDK
Predicted MW:	24.3 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.
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_057450
Locus ID:	51475

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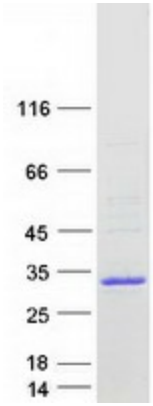
UniProt ID:	Q9NPB3
RefSeq Size:	986
Cytogenetics:	11q13.2
RefSeq ORF:	660
Synonyms:	DFNB93
Summary:	This gene belongs to a subfamily of calcium binding proteins that share similarity to calmodulin. Like calmodulin, these family members can likely stimulate calmodulin-dependent kinase II and the protein phosphatase calcineurin. Calcium binding proteins are an important component of calcium mediated cellular signal transduction. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

Product images:



Coomassie blue staining of purified CABP2 protein (Cat# [TP314556]). The protein was produced from HEK293T cells transfected with CABP2 cDNA clone (Cat# [RC214556]) using MegaTran 2.0 (Cat# [TT210002]).