

Product datasheet for PH313946

CABP5 (NM_019855) Human Mass Spec Standard

Product data:

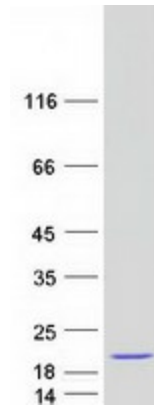
Product Type:	Mass Spec Standards
Description:	CABP5 MS Standard C13 and N15-labeled recombinant protein (NP_062829)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213946
Predicted MW:	19.8 kDa
Protein Sequence:	<p>>RC213946 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MQFPMGPACIFLRKGIAEKQRERPLGQDEIEELREAFLEFDKDRDGFISCKDLGNLMRTMGYPTEMELI ELGQQIRMNLGGRVDFDDFVELMTPKLLAETAGMIGVQEMRDAFKEFDTNMGDGEITLVELQQAMQRLIGE RLTPREISEVVREADVNGDGTVDFFVVKMMSR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
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:	<u>NP_062829</u>
RefSeq Size:	1845
RefSeq ORF:	519
Synonyms:	CABP3
Locus ID:	56344
UniProt ID:	<u>Q9NP86</u>


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Cytogenetics: 19q13.33

Summary: The product of this gene belongs to a subfamily of calcium binding proteins, which share similarity to calmodulin. Calcium binding proteins are an important component of calcium mediated cellular signal transduction. Expression of this gene is retina-specific. The mouse homolog of this protein has been shown to express in the inner nuclear layer of the retina, suggested its role in neuronal functioning. The specific function of this gene is unknown. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified CABP5 protein (Cat# [TP313946]). The protein was produced from HEK293T cells transfected with CABP5 cDNA clone (Cat# [RC213946]) using MegaTran 2.0 (Cat# [TT210002]).