

Recombinant Mouse Cabp5 Protein, Myc/DDK-tagged

Cat. No. Cabp5-1925M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length calcium binding protein 5 (Cabp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Inhibits calcium-dependent inactivation of L-type calcium channel and shifts voltage dependence of activation to more depolarized membrane potentials. Involved in the transmission of light signals. May positively regulate neurotransmitter vesicle endocytosis and exocytosis in a salt-dependent manner. May play a role in the extension and network organization of neurites.
Molecular Mass	19.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Cabp5 calcium binding protein 5 [Mus musculus (house mouse)]
Official Symbol	Cabp5
Synonyms	CABP5; calcium binding protein 5; calcium-binding protein 5
Gene ID	29865
mRNA Refseq	NM_013877
Protein Refseq	NP_038905
UniProt ID	Q9JLK3

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