

Recombinant Mouse Cabp4 Protein, Myc/DDK-tagged

Cat. No. Cabp4-1924M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length calcium binding protein 4 (Cabp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in normal synaptic function through regulation of Ca ²⁺ influx and neurotransmitter release in photoreceptor synaptic terminals and in auditory transmission. Modulator of CACNA1D and CACNA1F, suppressing the calcium-dependent inactivation and shifting the activation range to more hyperpolarized voltages.
Molecular Mass	30.3 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.

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GENE INFORMATION

Gene Name	Cabp4 calcium binding protein 4 [Mus musculus (house mouse)]
Official Symbol	Cabp4
Synonyms	CABP4; calcium binding protein 4; calcium-binding protein 4; 2410038D05Rik
Gene ID	73660
mRNA Refseq	NM_144532
Protein Refseq	NP_653115
UniProt ID	Q8VHC5

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