Recombinant Mouse Cabp2 Protein, Myc/DDK-tagged

Cat. No. Cabp2-1923M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length calcium binding protein 2 (Cabp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for sound encoding at inner hair cells (IHCs) synapses, likely via inhibition of the inactivation of voltage-gated calcium channel of type 1.3 (Cav1.3) in the IHCs. Required for the normal transfer of light signals through the retina.
Molecular Mass	24.2 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.

GENE INFORMATION

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Gene Name	Cabp2 calcium binding protein 2 [Mus musculus (house mouse)]
Official Symbol	Cabp2
Synonyms	Cabp2; calcium binding protein 2; calcium-binding protein 2
Gene ID	29866
mRNA Refseq	NM_013878
Protein Refseq	NP_038906
UniProt ID	Q9JLK4

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