

## Recombinant Mouse Cabp2 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length calcium binding protein 2 (Cabp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	24.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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

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