

## Recombinant Mouse Calb1 Protein, MYC/DDK-tagged

Cat. No. Calb1-743M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse calbindin 1 (Calb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Buffers cytosolic calcium. May stimulate a membrane Ca(2+)-ATPase and a 3',5'-cyclic nucleotide phosphodiesterase.
<b>Molecular Mass</b>	30.4 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>	Calb1 calbindin 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Calb1
<b>Synonyms</b>	Calb1; calbindin 1; CB; Calb; Calb-1; Brain-2; calbindin; CalbindinD28K; D-28K; PCD-29; calbindin 1, 28kDa; calbindin D28; calbindin-28K; calbindin-D (28k); spot 35 protein; vitamin D-dependent calcium-binding protein, avian-type
<b>Gene ID</b>	12307
<b>mRNA Refseq</b>	NM_009788
<b>Protein Refseq</b>	NP_033918
<b>UniProt ID</b>	P12658

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