

## 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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|                 |                                                                                                                                                                                                                                       |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Calb1 calbindin 1 [ Mus musculus (house mouse) ]                                                                                                                                                                                      |
| Official Symbol | Calb1                                                                                                                                                                                                                                 |
| Synonyms        | 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 |
| Gene ID         | 12307                                                                                                                                                                                                                                 |
| mRNA Refseq     | NM_009788                                                                                                                                                                                                                             |
| Protein Refseq  | NP_033918                                                                                                                                                                                                                             |
| UniProt ID      | P12658                                                                                                                                                                                                                                |

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