

Recombinant Mouse Calbindin 2

Cat. No. Calb2-245M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse calbindin protein expressed in <i>E.coli</i> encodes full length amino acids and has a molecular mass of 57 kDa.
Species	Mouse
Source	E.coli
Description	Calretinin is an intracellular calcium-binding protein belonging to the troponin C superfamily characterized by a structural motif described as the EF-hand domain. The immunohistochemical detection of calretinin in developing cerebellum is restricted to the later stages indicated by weak staining from week 21 of gestation, in Purkinje and basket cells and in neurons of the dentate nucleus. The intensity of staining increases as the cerebellum matures. In tumors, calretinin has been detected in mesotheliomas and some pulmonary adenocarcinomas.
Application And Suggested Dilutions	ELISA, Inhibition Assays, Western Blotting.
Formulation	2x5g/50μl Recombinant Mouse Calretinin protein at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Characterization	On SDS-PAGE comassie blue stained gel, the purified recombinant protein shows a band at 57 kDa.
Storage & Stability	Store vial at -20°C to -80°C. When stored at the recommended temperature, this

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protein is stable for 12 months.

Full Length Full L.

GENE INFORMATION

Gene Name [Calb2 calbindin 2 \[Mus musculus \]](#)

Synonyms Calb2; calbindin 2; CR; calretinin

Gene ID [12308](#)

mRNA Refseq [NM_007586](#)

Protein Refseq [NP_031612](#)

UniProt ID [Q08331](#)

Chromosome Location 8 E1

Function calcium ion binding

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