

Calretinin, murine recombinant protein
Calretinin, CR, Calb2, calbindin 2
Catalog # PBV10421r**Specification**

Calretinin, murine recombinant protein - Product info

Primary Accession	Q08331
Concentration	0.1
Calculated MW	57 kDa KDa

Calretinin, murine recombinant protein - Additional Info

Gene ID	12308
Gene Symbol	Calb2
Other Names	
Calretinin, CR, Calb2, calbindin 2	
Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC; ≥90%
Recombinant	Yes
Format	
Liquid	

Storage

-20°C; Sterile filtered liquid (100 µg/ml) in 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA, 20% Glycerol.

Calretinin, murine recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Calretinin, murine recombinant protein - Images**Calretinin, murine recombinant protein - Background**

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. Recombinant Murine Calretinin protein is expressed from E. coli and purified by proprietary chromatographic techniques.

Calretinin, murine recombinant protein - References

Tanaka Y.,et al.Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.

Strauss K.I.,et al.Brain Res. Mol. Brain Res. 49:175-187(1997).

Lubec G.,et al.Submitted (JAN-2009) to UniProtKB.

Ellis J.,et al.Nucleic Acids Res. 21:5171-5178(1993).