

Recombinant Rat Calb1 Protein, His-tagged

Cat. No. Calb1-480R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Calb1(Ala2~Asn261) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala2~Asn261
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	31.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name [Calb1 calbindin 1 \[Rattus norvegicus \]](#)

Official Symbol [Calb1](#)

Synonyms CALB1; calbindin 1; calbindin; D-28K; calbindin D28; spot 35 protein; calbindin 1, 28 kD; cerebellar Ca-binding protein spot 35 protein; cerebellar Ca-binding protein, spot 35 protein; vitamin D-dependent calcium-binding protein, avian-type; CaBP28K; MGC93326;

Gene ID [83839](#)

mRNA Refseq [NM_031984](#)

Protein Refseq [NP_114190](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA