

Recombinant Rat Calcb protein, His-tagged

Cat. No. Calcb-7866R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Calcb aa. (Met1~Val134 (Accession # P10093)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Val134
Description	May play a role in regulating transduction of sensory and motor information.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.4.
Applications	SDS-PAGE; WB; ELISA; IP
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°C for 48h,

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

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Calcb calcitonin-related polypeptide, beta [*Rattus norvegicus* (Norway rat)]

Official Symbol

Calcb

Synonyms

Calcb; calcitonin-related polypeptide, beta; calcitonin gene-related peptide 2; CGRP-II; beta-type CGRP; calcitonin gene-related peptide II

Gene ID

171519

mRNA Refseq

NM_138513.1

Protein Refseq

NP_612522.1

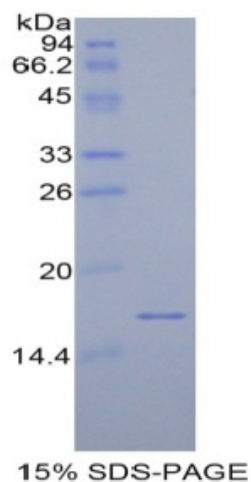
UniProt ID

P10093

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SDS-PAGE

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