

Recombinant Rat Pvalb Protein, His-tagged

Cat. No. Pvalb-2008R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pvalb Protein (Ser2-Ser110) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser2-Ser110
Description	Enables calcium ion binding activity and identical protein binding activity. Involved in cochlea development. Located in several cellular components, including cuticular plate; neuronal cell body; and stereocilium. Part of protein-containing complex. Orthologous to human PVALB (parvalbumin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.6 kDa Accurate Molecular Mass: 16 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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48h, 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Pvalb parvalbumin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Pvalb

Synonyms

PVALB; parvalbumin; parvalbumin alpha; Parvalbumin (calcium binding protein); Pva; PALB1;

Gene ID

25269

mRNA Refseq

NM_022499

Protein Refseq

NP_071944

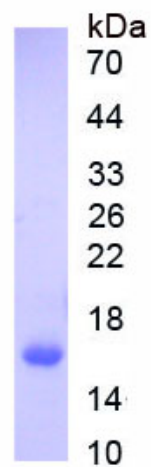
UniProt ID

P02625

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