

## Recombinant Rat Pvalb Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Pvalb Protein (Ser2-Ser110) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser2-Ser110
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 15.6 kDa Accurate Molecular Mass: 16 kDa
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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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