

Parvalbumin (PVALB) Recombinant Protein | PVALB recombinant protein

Recombinant Parvalbumin (PVALB)

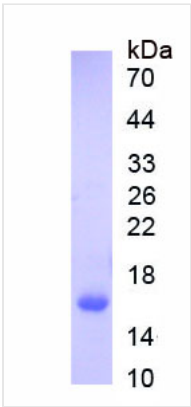
CATALOG # AAA150744	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Parvalbumin (PVALB); Recombinant Parvalbumin (PVALB); Parvalbumin; PVALB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>97%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ser2~Ser11 0
Applicable Applications for PVALB recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Rat
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.9
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree C 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.



Sequence

SMTDLLSAEDIKKATGAF TAADSFDHKKFFQIVGLKKKSADIVKVFHILDKKSGFT EEDLGSILKGFSSDARDLSAKETKTLMAAG
DKDGDGKIGVEEFSTLVAES

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PVALB recombinant protein	Metabolic pathway; Recombinant proteins/RP
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	11968064
NCBI GeneID	25269
NCBI Accession #	NP_071944.1
NCBI GenBank Nucleotide #	NM_022499.2
UniProt Accession #	P02625; A0JN21
Molecular Weight	11,926 Da
NCBI Official Full Name	parvalbumin alpha
NCBI Official Synonym Full Names	parvalbumin
NCBI Official Symbol	Pvalb
NCBI Official Synonym Symbols	Pva; PALB1
NCBI Protein Information	parvalbumin alpha; Parvalbumin (calcium binding protein)
UniProt Protein Name	Parvalbumin alpha
UniProt Gene Name	Pvalb
UniProt Synonym Gene Names	Pva
UniProt Entry Name	PRVA_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.