

RP02946

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Recombinant Human Parvalbumin/PVALB Protein

Catalog No.: RP02946

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
<i>E. coli</i>	5816	P20472

Tags

C-His

Synonyms

D22S749;Parvalbumin;PVALB;parvalbumin

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

Please contact us for more information.

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of

Background

Parvalbumins (PVALBs) are particularly abundant in the fast-contracting muscles and correlate positively with muscle relaxation speed in amphibians and fishes. The loss of PVALB plays a role in the pathogenesis of thyroid tumors. The mutations in the PVALB gene are not involved in GS patients who harbour a single or no mutant SLC12A3 allele.

Basic Information

Description

Recombinant Human Parvalbumin/PVALB Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Ser110) of human Parvalbumin/PVALB (Accession #NP_002845.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

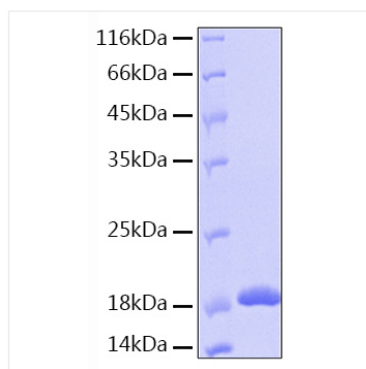
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Contact



www.abclonal.com

Validation Data



Recombinant Human
Parvalbumin/PVALB Protein was
determined by SDS-PAGE under
reducing conditions with Coomassie
Blue.