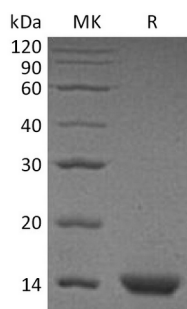


概述 (Summary)

英文全称	Parvalbumin alpha/PVALB
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Parvalbumin Alpha is produced by our E.coli expression system and the target gene encoding Ser2-Ser110 is expressed with a 6His tag at the C-terminus.
Accession #	P20472
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	13.12 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human PVALB (C-6His)
Catalog #: PEH1266



背景 (Background)

分子别名 (Alternative Names)

Parvalbumin Alpha; PVALB

背景介绍 (References)

Parvalbumin α (PVALB) is a member of the parvalbumin family. PVALB is a high affinity calcium ion-binding protein, with two EF hand domains. PVALB is structurally and functionally similar to calmodulin and troponin C, it can bind two calcium ions. Parvalbumin is thought to be involved in relaxation after contraction in muscle. Parvalbumin is expressed in a specific population of GABAergic interneurons, which are believed to have a role in maintaining the balance between excitation and inhibition in the cortex as well as the hippocampus.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.