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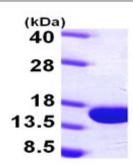
AR09718PU-LHuman Parvalbumin alpha / PVALB (1-110, His-tag) - PurifiedQuantity:0.5 mg

Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	Parvalbumin alpha, also known PVALB, belongs to a larger group of EF hand proteins. It is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. Parvalbumin is expressed in a specific population of GABAergic interneurones which are thought to play a role in maintaining the balance between excitation and inhibition in the cortex as well as the hippocampus.
Uniprot ID:	<u>P20472</u>
NCBI:	<u>NP_002845</u>
GenelD:	<u>5816</u>
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 50mM NaCl
Description:	Recombinant human PVALB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHHH SSGLVPRGSH MGSH</u> MSMTDL LNAEDIKKAV GAFSATDSFD HKKFFQMVGLKKKSADDVKK VFHMLDKDKS GFIEEDELGF ILKGFSPDAR DLSAKETKML MAAGDKDGDG KIGVDEFSTL VAES Molecular weight: 14.6 kDa (134aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Klausberqer T., et al. (2005) J Neurosci. 25(42):9782-93.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

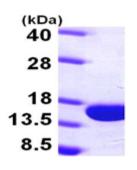
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Pictures:



15% SDS-PAGE (3ug)

Recombinant human PVALB, 1- 110 aa, His-tagged



15% SDS-PAGE (3ug)

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