

## Product datasheet for **AR09718PU-L**

### Parvalbumin alpha / PVALB (1-110, His-tag) Human Protein

#### Product data:

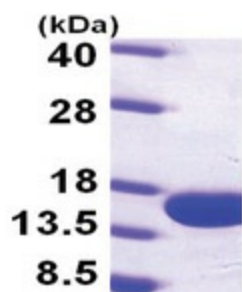
Product Type:	Recombinant Proteins
Description:	Parvalbumin alpha / PVALB (1-110, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSHMSMTDL</u> LNAEDIKKAV GAFSATDSFD HKKFFQMVGLKKKSADDVKK VFHMLDKDKS GFIEEDELGF ILKGFSPDAR DLSAKETKML MAAGDKDGDG KIGVDEFSTL VAES
Tag:	His-tag
Predicted MW:	14.6 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PVALB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001302461</u>
Locus ID:	5816
UniProt ID:	<u>P20472</u> , <u>A0A024R1K9</u>
Cytogenetics:	22q12.3
Synonyms:	D22S749



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**Summary:**

The protein encoded by this gene is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. The encoded protein is thought to be involved in muscle relaxation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

**Product images:**

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