

## Parvalbumin Human Recombinant

<b>Item Number</b>	rAP-4523
<b>Synonyms</b>	Parvalbumin alpha, PVALB, D22S749, MGC116759.
<b>Description</b>	PVALB Human Recombinant fused with a 24 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 134 amino acids (1-110 a.a.) and having a molecular mass of 14.6kDa. The PVALB is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P20472
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMSMTDL LNAEDIKKAV GAFSATDSFD HKKFFQMVGLKKKSADDVKK VFHMLDKDKS GFIEEDELGF ILKGFSPDAR DLSAKETKML MAAGDKDGDG KIGVDEFSTL VAES.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The PVALB solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 50mM NaCl. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**