

## Crystallin Alpha B Human Recombinant

<b>Item Number</b>	rAP-3095
<b>Synonyms</b>	CRYA2, CTPP2, HSPB5, Crystallin Alpha B, CRYAB.
<b>Description</b>	Recombinant CRYAB produced in E.Coli is a single,non-glycosylated polypeptide chain containing 175 amino acids and having a molecular mass of 20.1kDa. CRYAB is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P02511
<b>Amino Acid Sequence</b>	MDIAIHHPWI RRPFFPFHSP SRLFDQFFGE HLLESDFPT STLSPPFYLR PPSFLRAPSWFDTGLSEMRL EKDRFSVNLD VKHFSPEELK VKVLGDVIEV HGKHEERQDE HGFISREFHRKYRIPADVDP LTITSSLSSD GVLTVNGPRK QVSGPERTIP ITREEKPAVT AAPKK.
<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 CRYAB protein (1mg/ml) solution contains 20mM Tris-HCl buffer pH-7.5, 50mM NaCl and 1mM EDTA. 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 ender users! This product is sold for **Research Use Only**