

## Crystallin Beta B1 Human Recombinant

<b>Item Number</b>	rAP-3097
<b>Synonyms</b>	EC 1.17.4.1, RR2M, Beta-B1 crystallin, CATCN3.
<b>Description</b>	CRYBB1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 260 amino acids (1-252 a.a.) and having a molecular mass of 29.1 kDa. The CRYBB1 is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P53674
<b>Amino Acid Sequence</b>	MSQAAKASAS ATVAVNPGRD TKGKGAPPAG TSPSPGTTLA PTTVPITSAK AAELPPGNRYR LVVFELENFQ GRRAEFSGEC SNLADRGFDR VRSIIVSAGP WVAFEQSNFR GEMFILEKGE YPRWN- TWSSS YRSDRLMSFR PIKMDAQEHK ISLFEGANFK GNTIEIQGDD APSLWVYGFS DRVGSVKVSS GTWVGYYQYPG YRGYQYLLEP GDFRHWNEWG AFQPQMQLSLR RLRDKQWHLE GSFPVLATEP PKRSHHHHHH.
<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 CRYBB1 solution (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT & 10% glycerol. Greater than 90.0% 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**