

Crystallin Beta A4 Human Recombinant

Item Number	rAP-3098
Synonyms	Beta-crystallin A4, Beta-A4 crystallin, CRYBA4, MCOPCT4.
Description	CRYBA4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 216 amino acids (1-196 a.a.) and having a molecular mass of 24.5kDa. CRYBA4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P53673
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MTLQCTKSAG PWKMWVWDED GFQGRRHEFT AECPSVLELG FETVRSCLKVL SGAWVGFEHA GFQGQQYILE RGEYPSWDAW GGNTAYPAER LTSFRPAACA NHRDSRLTIF EQENFLGKKG ELSDDYPSLQ AMGWEGNEVG SFHVHSGAWV CSQFPGYRGF QYVLECDHHS GDYKHFREWG SHAPTFQVQS IRRIQQ.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The CRYBA4 protein (1mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**