

Crystallin Alpha A Human Recombinant

Item Number	rAP-3094
Synonyms	CRYA1, HSPB4, CRYAA, Crystallin Alpha A, Alpha-crystallin A chain, Heat shock protein beta-4.
Description	Recombinant Human CRYAA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 173 amino acids and having a molecular mass of 19.9kDa. CRYAA is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P02489
Amino Acid Sequence	MDVTIQHPWF KRTLGPFPYS RLFQFFGEG LFEYDLLPFL SSTISPYRQ SLFRTVLDSGISEVRSRDRDK FVIFLDVKHF SPEDLTVKVQ DDFVEIHGKH NERQDDHGYI SREFHRRYRLPSNVDQSALS CSLSADG- MLT FCGPKIQTGL DATHAERAIP VSREEKPTSA PSS.
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 CRYAA protein contains 20mM Tris-HCl buffer (pH 7.5), 50mM NaCl and 1mM EDTA. 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**