

Recombinant Human Crystallin Alpha B

Catalog No.	CRC168A CRC168B CRC168C	Quantity:	20 µg 100 µg 1.0 mg
Alternate Names:	CRYAB, CRYA2, CTPP2, HSPB5		
Description:	Recombinant human CRYAB is a single, non-glycosylated polypeptide chain containing 175 amino acids.		
Concentration:	1 mg/ml		
GeneID:	1410		
Protein Accession No:	NP_001876		
Source:	<i>E. coli</i>		
Molecular Weight:	20.16 kDa		
Formulation:	Sterile filtered liquid in 20 mM Tris-HCl, pH 7.5 + 50 mM NaCl + 1 mM EDTA		
Purity:	> 95% as determined by RP-HPLC and SDS-PAGE analyses		
Endotoxin Level:	< 0.1 ng/µg of CRYAB		
Amino Acid Sequence:	MDIAIHHPWI RRPFFPFHSP SRLFDQFFGE HLLSDLFPT STSLSPFYLR PPSFLRAPSWFDTGLSEMRL EKDRFSVNLK VKHFSPEELK VKVLGDVIEV HGKHEERQDE HGFISREFHRKYRIPADVDP LTITSSLSSD GVLTVNGPRK QVSGPERTIP ITREEKPAVT AAPKK		
Storage & Stability:	Store at 2-4°C for up to 4 weeks or in working aliquots at -20°C for longer storage. Add a carrier protein (0.1% HSA or BSA) as a stabilizer for long term storage. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

