

32-5288: Recombinant Human Crystallin Beta A4

Alternative Name : Beta-crystallin A4, Beta-A4 crystallin, CRYBA4, MCOPCT4.

Description

Source : Escherichia Coli. 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. Beta-crystallin A4 (CRYBA4) is a member of the beta/gamma-crystallin family which are the dominant structural components of the vertebrate eye lens. Beta-crystallins construct aggregates of various sizes and are able to self-associate to form dimers or to form heterodimers with other beta-crystallins. The CRYBA4 gene being a beta acidic group member is part of a gene cluster with beta-B1, beta-B2, and beta-B3.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The CRYBA4 protein (1mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MTLQCTKSAG PWKMVVWDED GFQGRRHEFT AECPSVLELG FETVRSCLKVL SGAWVGFEDA GFQGGQYILE RGEYPSWDAW GGNTAYPAER LTSFRPAACA NHRDSRLTIF EQENFLGKKG ELSDDYPSLQ AMGWEGNEVG SFHVHSGAWV CSQFPGYRGF QYVLECDHHS GDYKHFREWG SHAPTFQVQS IRRIQQ.

