

Human CRYAA Recombinant Protein



RPPB5193

Product Information Protein Information

Product SKU:

RPPB5193

Accession:

P02489

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile filtered colorless solution.

Synonyms:

CRYA1, HSPB4, CRYAA, Crystallin Alpha A, Alpha-crystallin A chain, Heat shock protein beta-4.

Formulation:

The CRYAA protein contains 20mM Tris-HCl buffer (pH 7.5), 50mM NaCl and 1mM EDTA.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

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 Sequence:

MDVTIQHPWF KRTLGPFPYS RLFDQFFGEG LFEYDLLPFL SSTISPYRQ SLFRTVLDSGISEVRSRDRDK
FVIFLDVKHF SPEDLTVKVQ DDFVEIHGKH NERQDDHGYI SREFHRRYRLPSNVDQSALS CSLSADGMLT
FCGPKIQTGL DATHAERAIP VSREEKPTSA PSS.