

CRYAB(Crystallin ? B), Human, Recombinant, E.coli

Cat.NO.: TP01723

3th Edition

Synonyms:CRYA2, HSPB5

Description:Alpha crystallins are composed of two gene products; alpha-A and alpha-B, for acidic and basic, respectively. Alpha crystallins can be induced by heat shock and are members of the small heat shock protein(sHSP also known as the HSP20).

Form:Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 50 mM NaCl, 1 mM EDTA

Molecular Weight:20.1kDa (175aa)

Sequences:

MDIAIHHPWIRRPFFPFHSPSRLFDQFFGEHLLESDFPTSTSLSPFYLRPPSFLRAPSWFDTGLSEMRLEKDRFSV
NLDVKHFSPEELKVKVLGDVIEVHGKHEERQDEHGFISREFHRKYRIPADVDPDLTITSSLSSDGVLTVNGPRKQVSG
PERTIPITREEKPAVTAAPKK

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.