

Crystallin ? B, 1-175aa, Mouse, Recombinant, E.coli

Cat.NO.: TP01731

3th Edition

Synonyms:Crya2, Crya-2, Cryab

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 8.0) containing 10% glycerol

Molecular Weight:20kDa (175aa), confirmed by MALDI-TOF

Sequences:

MDIAIHHPWIRRPFFPFHSPSRLFDQFFGEHLLESDFSTATSLSPFYLRPPSFLRAPSWIDTGLSEMRLEKDRFSVN
LDVKHFSPEELKVKVLGDVIEVHGKHEERQDEHGFISREFHRKYRIPADVDPITITSSLSSDGVLTVNGPRKQVSGP
ERTIPITREEKPAVAAAAPKK

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.