

CRYGN, 1-182aa, Human, His tag, E.coli

Cat.NO.: TP01728

3th Edition

Synonyms:Crystallin, gamma N, gamma-crystallin N.

Description:Crystallin, gamma N, also known as CRYGN, belongs to the Crystallins family. Crystallins are divided into alpha, beta and gamma families, and the beta and gamma-crystallins also comprise a superfamily. Crystallins are the major proteins of the vertebrate eye lens, where they maintain the transparency and refractive index of the lens.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:23.1 kDa (206aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMAQRSGKITLYEGKHFTGQKLEVFGDCDNFQDRGFMNRVNSIHVESGAW
VCFNHPDFRGQQFILEHGDYPDFFRWNSHSDHMGSCRPVGMHGEHFRLEIFEGCNFTGQCLEFLEDSPFLQSRG
WVKNCVNTIKVYGDGAAWSPRSFGAEDFQLSSSLQSDQGPEEATTKPATTQPPFLTANL

Purity:> 95% by HPLC

Concentration:1 mg/ml

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.