

CRYGC, 1-174aa, Human, His tag, E.coli

Cat.NO.: TP01726

3th Edition

Synonyms:Gamma-crystallin C, CCL, CRYG3.

Description:Gamma-crystallin C, also known as CRYGC, belongs to the beta/gamma-crystallin family. Mammalian lens crystallins are divided into alpha, beta, and gamma families; beta and gamma crystallins are also considered as a superfamily. Gamma-crystallins are a homogeneous group of highly symmetrical, monomeric proteins typically lacking connecting peptides and terminal extensions.

Form:Liquid. In 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 2mM DTT, 200mM NaCl

Molecular Weight:23.5kDa (198aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMGKITFYEDRAFAQGRSYETTTDCPNLQPYFSRCNSIRVESGCWMLYERPN
YQGQQYLLRRGEYPDYQQWMGLSDSIRSCCLIPQTVSHRLRLYEREDHKGLMMESEDCPSIQDRFHLSEIRSLHV
LEGCVVLYELPNYRGRQYLLRPQEYRRCQDWGAMDAKAGSLRRVVDLY

Purity:> 95% by HPLC

Concentration:1mg/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.