

**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  
YQGQQYLLRRGEYPDYQQWMGLSDSIRSCCLIPQTVSHRLRLYEREDHKGLMMELSEDGPSIQDRFHLSEIRSLHV  
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.