

Crystallin, Gamma C Human Recombinant

Item Number	rAP-3099
Synonyms	Crystallin, gamma C, Gamma-crystallin 2-1, Gamma-crystallin 3, CRYG3, CCL.
Description	CRYGC Human Recombinant produced in E. coli is a single polypeptide chain containing 198 amino acids (1-174) and having a molecular mass of 23.5kDa. CRYGC is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P07315
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEMGKITF YEDRAFQGRS YETTTDCPNL QPYFSRCNSI RVESGCWMLY ERPNYQGQQY LLRGEYPDY QQWMGLSDSI RSCCLIPQTV SHRLRLYERE DHKGLM- MELS EDCPSIQDRF HLSEIRSLHV LEGCWVLYEL PNYRGRQYLL RPQEYRRCQD WGAMDAKAGS LRRVVDLY
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CRYGC solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**