

Recombinant Human CRYGC Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CRYGC-2971H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CRYGC MS Standard C13 and N15-labeled recombinant protein (NP_066269) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the beta/gamma-crystallin family of proteins. Crystallins constitute the major proteins of vertebrate eye lens and maintain the transparency and refractive index of the lens. This gene and several family members are present in a gene cluster on chromosome 2. Mutations in this gene have been shown to cause multiple types of cataract, including Coppock-like cataract and zonular pulverulent cataract, among others.
Molecular Mass	20.9 kDa
AA Sequence	MGKITFYEDRAFQGRSYETTTDCPNLQPYFSRCNSIRVESGCWMLYERPNYQGQQ YLLRRGEYPDYQQWMGLSDSIRSCCLIPQTVSHRLRLYEREDHKGLMMELSEDCPS IQDRFHLSEIRSLHVLEGWVLYELPNYRGRQYLLRPQEYRRCQDWGAMDAKAGS LRRVVDLYTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CRYGC crystallin gamma C [Homo sapiens (human)]

Official Symbol CRYGC

Synonyms CRYGC; crystallin, gamma C; CRYG3; gamma-crystallin C; gamma-C-crystallin; gamma-crystallin 3; crystallin, gamma-3; gamma-crystallin 2-1; CCL;

Gene ID 1420

mRNA Refseq NM_020989

Protein Refseq NP_066269

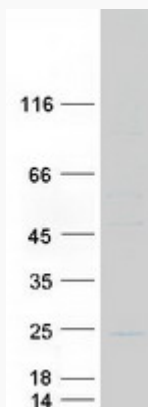
MIM 123680

UniProt ID P07315

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SDS-PAGE

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