

## Product datasheet for **AR50353PU-S**

### Gamma-crystallin C (1-174, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Gamma-crystallin C (1-174, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSHEMGKITF YEDRAFQGRS YETTTDCPNL QPYFSRCNSI RVESGCWMLY ERPNYQGQY LLRRGEYPDY QQWMGLSDSI RSCCLIPQTV SHRLRLYERE DHKGLMMELS EDCPSIQDRF HLSEIRSLHV LEGCWVLYEL PNYRGRQYLL RPQEYRRCQD WGAMDAKAGS LRRVDLY
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	23.5 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 10% glycerol, 2 mM DTT, 200 mM NaCl
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CRYGC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_066269</a>
<b>Locus ID:</b>	1420
<b>UniProt ID:</b>	<a href="#">P07315</a> , <a href="#">A0A0X8GLL6</a>
<b>Cytogenetics:</b>	2q33.3
<b>Synonyms:</b>	CCL; CRYG3; CTRCT2



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**Summary:**

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. [provided by RefSeq, Jan 2015]

**Protein Families:**

Druggable Genome

**Product images:**