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Product datasheet for AR50353PU-N

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

Product data:

Product Type:	Recombinant Proteins
Description:	Gamma-crystallin C (1-174, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMGKITF YEDRAFQGRS YETTTDCPNL QPYFSRCNSI RVESGCWMLY ERPNYQGQQY LLRRGEYPDY QQWMGLSDSI RSCCLIPQTV SHRLRLYERE DHKGLMMELS EDCPSIQDRF HLSEIRSLHV LEGCWVLYEL PNYRGRQYLL RPQEYRRCQD WGAMDAKAGS LRRVVDLY
Tag:	His-tag
Predicted MW:	23.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	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
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CRYGC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_066269
Locus ID:	1420
UniProt ID:	P07315, A0A0X8GLL6
Cytogenetics:	2q33.3
Synonyms:	CCL; CRYG3; CTRCT2

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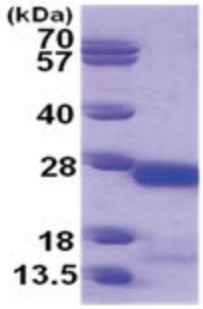
Summary: This gene encodes a member of the beta/gamma-crystallin family of proteins. Crystallins constitute the major proteins of vertebrate eye lens and maintain the transparency and refractive index of the lens. This gene and several family members are present in a gene cluster on chromosome 2. Mutations 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:



15% SDS-PAGE (3ug)