

Recombinant Human CRYGB protein, His-tagged

Cat. No. CRYGB-2735H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRYGB protein(P07316)(1-175aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-175aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	24.9 kDa
AA Sequence	MGKITFYEDRAFAQGRSYECTTDCPNLQPYFSRCNSIRVESGCWMIYERPNYQGHQ YFLRRGEYPDYQQWMGLSDSIRSCCLIPPHSGAYRMKIYDRDELRGQMSELTDDCI SVQDRFHLTEIHSLNVLEGSWILYEMPNYRGRQYLLRPGEYRRFLDWGAPNAKVGSLRRVMDLY
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	CRYGB crystallin, gamma B [Homo sapiens]
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Official Symbol	CRYGB
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Synonyms	CRGB_HUMAN; Crygb; Gamma-B-crystallin; Gamma-crystallin 1-2; Gamma-crystallin B; crystallin, gamma B; Gamma-crystallin 1-2; CRYGB
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Gene ID	1419
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mRNA Refseq	NM_005210.3
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Protein Refseq	NP_005201.2
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MIM	123670
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UniProt ID	P07316
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