

## Recombinant Human CRYGD protein, GST-tagged

Cat. No. CRYGD-2736H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CRYGD protein(P07320)(1-174aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-174aa
<b>Form</b>	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.
<b>Molecular Mass</b>	47.6 kDa
<b>AA Sequence</b>	GKITLYEDRGFQGRHYECSSDHPNLQPYL SRCNSARVDSGCWMLYEQPNYSGLQY FLRRGDYADHQQWMGLSDSVRSCRLIPHSGSHRIRLYEREDYRGQMIEFTEDCSCL QDRFRFNEIHSINVLEGSWVLYELSNYRGRQYLLMPGDYRRYQDWGATNARVGS LRRVIDFS
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	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** CRYGD crystallin, gamma D [ Homo sapiens ]

**Official Symbol** CRYGD

**Synonyms** CRYGD; crystallin, gamma D; CRYG4; gamma-crystallin D; gamma crystallin 4; gamma-D-crystallin; gamma-crystallin 4; CCP; CACA; CCA3; cry-g-D;

**Gene ID** 1421

**mRNA Refseq** NM\_006891

**Protein Refseq** NP\_008822

**UniProt ID** P07320

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