

## Recombinant Human CRYBA4 protein, GST-tagged

Cat. No. CRYBA4-301499H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CRYBA4 (1-44 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Val44
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	MTLQCTKSAGPWKMVWDEDEGFGRRHEFTAECPSVLELGFETV
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

### GENE INFORMATION

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<b>Gene Name</b>	CRYBA4 crystallin, beta A4 [ Homo sapiens ]
<b>Official Symbol</b>	CRYBA4
<b>Synonyms</b>	CRYBA4; crystallin, beta A4; beta-crystallin A4; beta-A4 crystallin; eye lens structural protein; crystallin, beta polypeptide A4; MCOPCT4;
<b>Gene ID</b>	1413
<b>mRNA Refseq</b>	NM_001886
<b>Protein Refseq</b>	NP_001877
<b>MIM</b>	123631
<b>UniProt ID</b>	P53673

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