

## Recombinant Human CRYAB protein, His-SUMO-tagged

Cat. No. CRYAB-2734H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CRYAB protein(P02511)(1-175aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-175aa
<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>	36.2 kDa
<b>AA Sequence</b>	MDIAIHHPWIRRPFFPFHSPSRLFDQFFGEHLLESDFPTSTSLSPFYLRPPSFLRAP SWFDTGLSEMRLEKDRFSVNLDVKHFSPEELKVKVLGDVIEVHGKHEERQDEHGFI SREFHRKYRIPADVDPLTITSSLSGDVLTVNGPRKQVSGPERTIPITREEKPAVTAA PKK
<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**

CRYAB crystallin, alpha B [ Homo sapiens ]

**Official Symbol**

CRYAB

**Synonyms**

CRYAB; crystallin, alpha B; CRYA2; alpha-crystallin B chain; HSPB5; heat shock protein beta-5; rosenthal fiber component; heat-shock 20 kD like-protein; renal carcinoma antigen NY-REN-27; CTPP2;

**Gene ID**

1410

**mRNA Refseq**

NM\_001885

**Protein Refseq**

NP\_001876

**MIM**

123590

**UniProt ID**

P02511

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