

Recombinant Human CRYAB protein, His-SUMO-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CRYAB protein(P02511)(1-175aa), fused to N-terminal His tag and SUMO 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	36.2 kDa
AA Sequence	MDIAIHHPWIRRPFFPFHSPSRLFDQFFGEHLLESDFPTSTSLSPFYLRPPSFLRAP SWFDTGLSEMRLEKDRFSVNLDVKHFSPEELKVKVLGDVIEVHGKHEERQDEHGF SREFHRKYRIPADVDPITITSSSSDGVLTVNGPRKQVSGPERTIPITREEKPAVTAA PKK
Purity	Greater than 90% 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 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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