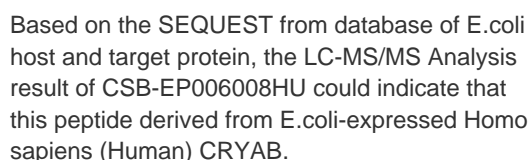
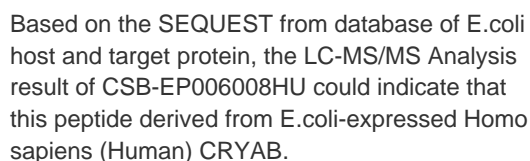
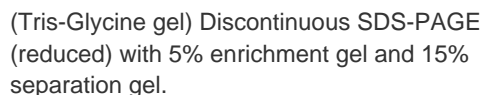




Recombinant Human Alpha-crystallin B chain (CRYAB)

Product Code	CSB-EP006008HU
Relevance	May contribute to the transparency and refractive index of the lens. Has chaperone-like activity, preventing aggregation of various proteins under a wide range of stress conditions.
Abbreviation	Recombinant Human CRYAB protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P02511
Alias	Alpha(B)-crystallinHeat shock protein beta-5 ;HspB5Renal carcinoma antigen NY-REN-27Rosenthal fiber component
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDIAIHHPWIRRPFFPFHSPSRLFDQFFGEHLLESDFPTSTSLSPFYLRPPSFL RAPSWFDTGLSEMRLEKDRFSVNLDVKHFSPEELKVKVLGDVIEVHGKHEER QDEHGFIREFHRKYRIPADVDPITSSLSGDVLTVNGPRKQVSGPERTIPIT REEKPAVTAAPKK
Research Area	Cancer
Source	E.coli
Target Names	CRYAB
Expression Region	1-175aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	36.2kDa
Protein Length	Full Length
Image	



Unlock the potential of cancer research with our top-quality Recombinant Human CRYAB protein. This vital chaperone protein, also known as Alpha-crystallin B chain, is encoded by the human CRYAB gene and is implicated in various cellular functions, including protein folding, stress response, and cytoskeletal organization, making it a crucial target in cancer research.

Produced in E.coli, our recombinant protein features the full-length 1-175aa expression region and is engineered with an N-terminal 6xHis-SUMO tag for ease of purification. With a purity greater than 90% as assessed by SDS-PAGE, the Recombinant Human CRYAB protein is supplied as a lyophilized powder, ensuring consistent performance and reliability in your experiments.

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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