

# Recombinant Human CRYAB protein(21-170 aa), C-His-tagged

**Cat. No.** CRYAB-2524H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CRYAB protein(P02511)(21-170 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                            |
| <b>ProteinLength</b>    | 21-170 aa                                                                                                                                                                         |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                  |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.     |
| <b>AA Sequence</b>      | SRLFDQFFGEHLLESDFPTSTSLSPFYLRPPSFLRAPSWFDTGLSEMRLEKDRFSV<br>NLDVKHFSPEELKVVLGDVIEVHGKHEERQDEHGFISREFHRKYRIPADVDPPLTITS<br>SLSSDGVLTVNGPRKQVSGPERTIPITREEKPAVT                     |

## GENE INFORMATION

|                  |                                            |
|------------------|--------------------------------------------|
| <b>Gene Name</b> | CRYAB crystallin, alpha B [ Homo sapiens ] |
|------------------|--------------------------------------------|

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | CRYAB                                                                                                                                                                                              |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 1410                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_001885                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001876                                                                                                                                                                                          |
| <b>MIM</b>             | 123590                                                                                                                                                                                             |
| <b>UniProt ID</b>      | P02511                                                                                                                                                                                             |

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