

## Recombinant Mouse Cryba2 Protein, Myc/DDK-tagged

Cat. No. Cryba2-2328M    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length crystallin, beta A2 (Cryba2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.      |
| <b>Species</b>          | Mouse                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                        |
| <b>Description</b>      | Crystallins are the dominant structural components of the vertebrate eye lens.                                                                |
| <b>Molecular Mass</b>   | 22.2 kDa                                                                                                                                      |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                              |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                         |

### GENE INFORMATION

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| <b>Gene Name</b> | Cryba2 crystallin, beta A2 [ <i>Mus musculus</i> (house mouse) ] |
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|------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">Cryba2</a>                                                                                                         |
| <b>Synonyms</b>        | CRYBA2; crystallin, beta A2; beta-crystallin A2; betaA2-crystallin; beta-A2 crystallin; lens structural protein; E130107M19Rik |
| <b>Gene ID</b>         | <a href="#">12958</a>                                                                                                          |
| <b>mRNA Refseq</b>     | <a href="#">NM_021541</a>                                                                                                      |
| <b>Protein Refseq</b>  | <a href="#">NP_067516</a>                                                                                                      |
| <b>UniProt ID</b>      | <a href="#">Q9JJV1</a>                                                                                                         |

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