

## Recombinant Mouse Crybb1 Protein, Myc/DDK-tagged

Cat. No. Crybb1-2329M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length crystallin, beta B1 (Crybb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the crystallin family of proteins that contribute to the transparency and refractive properties of the ocular lens. The encoded protein associates with other beta crystallin proteins to form dimers, tetramers and other higher-order complexes. This gene is located adjacent to a related crystallin gene on chromosome 5. Alternative splicing results in multiple transcript variants.
<b>Molecular Mass</b>	30.3 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.

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## GENE INFORMATION

<b>Gene Name</b>	Crybb1 crystallin, beta B1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Crybb1
<b>Synonyms</b>	CRYBB1; crystallin, beta B1; beta-crystallin B1; BB1CRY; 3110006K12Rik
<b>Gene ID</b>	12960
<b>mRNA Refseq</b>	NM_023695
<b>Protein Refseq</b>	NP_076184
<b>UniProt ID</b>	Q9WVJ5

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