

Product datasheet for TP503610

Crybb1 (NM_023695) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse crystallin, beta B1 (Crybb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203610 protein sequence Red =Cloning site Green =Tags(s) MSQAAKASATTAVNPGPDGKKGKAPSTGPAPAPGTPVPASVPRPAAKVGDLP PGSYRLIVFEQENFQGR RVEFSGECLNLGDRGFDRVRS LIVVSGPWVAFEQSAFRGEMFVLEKGEYPRWDTWTSSYRSDRLMSFRPI RMDSQEHKICLFEGANFKGNTMEIQEDDVPSLWVYGFCDRVGSITVSGGTWVG YQYPGYRGYQYLLEPG D FRHWN EWGAFQPQM QAVRRLRDRQWHQEGCFVLTAEPPQVRQAPGLPSTARPASRPIFPY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	30.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_076184
Locus ID:	12960
UniProt ID:	Q9WVJ5


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RefSeq Size:	873
Cytogenetics:	5 54.63 cM
RefSeq ORF:	813
Synonyms:	3110006K12Rik; BB1CRY
Summary:	<p>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. [provided by RefSeq, Aug 2015]</p>