

Product datasheet for RN215410

Crybb1 (NM_012936) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crybb1 (NM_012936) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Crybb1
Synonyms:	CRYB1; CRYB11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215410 representing NM_012936 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTCTCAGGTTGCCAAGGCTGCAGCCACCACTGCGGTGAACCCAGGCCTGATGGCAAAGGGAAGGGAA
 CCCCATCCACAGGGACAGCCCCAGCCCCTGGCCCTACTCCTGTCCAGCTTCTGTGCCAGGCCTGCTGC
 CAAAGTAGGGGAAGTGCCTCCTGGAAGCTACAGGCTGGTCTTTGAGCAGGAAAATTCCAGGGCCGC
 CGGGTGAATTCTCGGGGAGTGCCTGAACCTGGGGACCGTGGCTTCGACAGAGTGCAGCTGATCG
 TCCTCTCCGACCTGGGTGGCCTTTGAGCAATCTGCCTCCGTGGGAGATGTTTGTCTGGAGAAGGG
 TGAGTACCCACGATGGGACACCTGGACCAGCAGTTACCGAGTGACCGGCTCATGTCTTCCGGCCCATC
 AGGATGGATTCCCAGGAGCATAAGATCTGCCTGTTTGAAGGGGCCAACTCAAGGGCAACACCATGGAGA
 TCCAAGAGGATGACGTGCCAGCCTCTGGGTTTATGGCTTCTGTGACCGTGTGGCAGTATAACCGTCTC
 CAGTGGCAGATGGGTGGCTATCAGTACCCAGGCTACCGTGGCTACCAAGTATCTGCTGGAGCCCGGAGAC
 TTCCGGCACTGGAACGAGTGGGTGCCTTCCAGCCGAGATGCAGGCTGTGCGGCGCTTGGGGACCGTC
 AGTGGCACCAAGAGGGCTGCTTCCCGGTGCTAACCGCTGAGCCCCCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_012936
Insert Size:	753 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_012936.2 , NP_037068.2
RefSeq Size:	1006 bp
RefSeq ORF:	753 bp
Locus ID:	25421
UniProt ID:	P02523
Cytogenetics:	12q16
Gene Summary:	mutation of the human homolog is associated with a form of autosomal dominant cataract [RGD, Feb 2006]