

Product datasheet for **RN214749**

Crybb3 (NM_031690) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Crybb3

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN214749 representing NM_031690
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCAGAGCAGCACGGAGCACCTGAGCAGGCTGCAGCTAACAAGAGCCACGGAGGCCTTGGGGGCAGCT
ACAAGGTGACGGTGTACGAGTTAGAGAATTCAGGGCAAGCGATGCGAGCTCTCGGCTGAGTGCCAA
CCTCACTGAAAGCCTGCTGCAGAAGGTGGGCTCTATCCAAGTGGAATCTGGACCGTGGCTGGCGTTTCGAG
CGCAGGGCTTTTCGTGGGGAGCAGTTTGTCTGGAGAAGGGGGACTACCCCGCTGGGATGCCTGGTCCA
GCAGCCGGCGTAGTGACATTCTCCTGTCCCTCCGGCCTTGCACATTGATGGCCAGACCACAAGCTGCA
CCTCTTTGAGAACCAGCCTTCAGTGGGCGCAAGATGGAGATCGTAGATGATGATGTGCCAGCCTGTGG
GCCCCATGGCTTCCAGGACCGTGTGGCCAGCATCCGAGTCATCAACGGGACGTGGGTGGGCTACGAGTTCC
CCGGCTACCGCGGGCGCCAGTACGTGTTTCGAGCGGGCGAGTTCGCCATTGGAACGAGTGGGACGCCAA
CCAGCCGAGCTGCAGTCGGTGCGCCGATCCGCGACCAGAAGTGGCACAAGCGCGGCTGCTTCCTGAGC
AGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031690

Insert Size: 636 bp



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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_031690.1</u> , <u>NP_113878.1</u>
RefSeq Size:	747 bp
RefSeq ORF:	636 bp
Locus ID:	64349
UniProt ID:	<u>P02524</u>
Cytogenetics:	12q16
Gene Summary:	one of several lens beta crystallins [RGD, Feb 2006]