

Product datasheet for MC205191

Crygd (NM_007776) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crygd (NM_007776) Mouse Untagged Clone
Tag: Tag Free
Symbol: Crygd
Synonyms: Aey4; Cryg-1; DGcry-1; Lop12
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC057013
 CGACCTGCCAACACCAGCCATGGGGAAGATCACCTTCTATGAGGACCGCGCTTCCAGGGCCGCACTAT
 GAGTGCAGCACCAGCACTCCAACCTGCAGCCCTACTTCAGCCGCTGCAACTCTGTGCGCGTGGACAGTG
 GCTGCTGGATGCTCTATGAGCAGCCCAACTTCACGGGCTGCCAGTACTTCTGCGTCGCGGGGACTACCC
 TGACTACCAGCAGTGGATGGGTTTCAGTGACTCTGTCCGCTCCTGCCGCCTCATCCCCACGCCGCTCT
 CACAGGATCAGACTGTACGAGAGGGAAGAGTACAGAGGCCAGATGATAGAGTTCACGGAGGACTGCCCT
 CTCTCCAGGACCGATTCCACTTCAATGAGATCTACTCCCTCAATGTGCTAGAGGGCTGCTGGTCTCTA
 CGACATGACCAACTACCGGGGAAGGCAGTACTTGCTCAGACCCGGGGAGTACAGGCGCTACCACGACTGG
 GGCGCCATGAATGCCAGGGTGGGCTCTCTGAGGAGATCATGGATTTCTACTGAATTTTTTTTACTCT
 ACCCTTTCTCCATTTGGACGCTAATAAAATATTTTCTGTGTGTTCTGGCACTTAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGA

Restriction Sites: Ascl-NotI

ACCN: NM_007776

Insert Size: 525 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).



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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: [BC057013](#), [AAH57013](#)

RefSeq Size: 667 bp

RefSeq ORF: 525 bp

Locus ID: 12967

UniProt ID: [P04342](#)

Cytogenetics: 1 32.8 cM

Gene Summary: Crystallins are the dominant structural components of the vertebrate eye lens.
[UniProtKB/Swiss-Prot Function]