

Product datasheet for MC212605

Crygn (NM_153076) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crygn (NM_153076) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Crygn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212605 representing NM_153076 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGCAACGCTCGGGAAAGATCACTCTGTACGAGGGCAAGCACTTCACAGGGCGGAAGCTGGAGGTGT
TTGGGGACTGTGACAACCTCCAGGACCAAGGCTTTATGAACCGGGTGAATCCATCCGTGTGGAGAGCGG
AGCCTGGGTCTGCTTTGATCACCTGACTTCGCGGCCAGCAGTTCATTTGGAGCATGGTGACTACCCCT
GAATTCCTCCGCTGGAATGGCCACAACGACCACATGGGCTCCTGTCGGCCTGTGGGCATGCATGGAGAGC
ATTTCCGCATAGACATCTTCGAGGGCTGCAACTTCACGGGCCAGTGCCTAGAGTTCGTGGAGGACTGCCC
CTTCTGCAGAGCCGGGCTGGGCCAAGAGCTGTGTCAACGCCATCAAGGTGTATGGGGACGGAGCGTGG
GTCCTCTATGAGGAGCCAACTACCGCGGCCGATGTACGTGTTGGAGAGAGGAGACTACCGCTGCTTCT
CCGACTGGGGGGCCACAGCGCACGCGTGCAGTCGCTCCGCGGGTGCTCAACTTCTTCTAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_153076
Insert Size:	552 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).



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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_153076.2</u> , <u>NP_694716.2</u>
RefSeq Size:	614 bp
RefSeq ORF:	552 bp
Locus ID:	214301
UniProt ID:	<u>Q8VHL5</u>
Cytogenetics:	5 A3
Gene Summary:	Crystallins are the dominant structural components of the vertebrate eye lens (Probable). Plays also an important role for integrity and function of auditory nuclei (PubMed:27517863). [UniProtKB/Swiss-Prot Function]