

Product datasheet for **RN204930**

Crygs (NM_001109553) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crygs (NM_001109553) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Crygs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204930 representing NM_001109553 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTAAACCGGAGCCAAGATCAGTTTCTACGAAGACAGAAATTTCAAGGCCGCCGCTAGACTGCG
 ACTGTGACTGCGTAGACTTCCGCTCGTACCTGAGTCGCTGCAACTCCATTAGAGTAGAAGGTGGCACCTG
 GGCCGTGTATGAAAGGCCCAACTTCTCGGGGCACATGTACATCTTACCCAGGGCGAGTACCCTGAGTAC
 CAGCGTTGGATGGGCCTCAATGACCGCCTGGGCTCTTGACAGAGCTGTTTCTGTCTAGTGGAGGCCAGT
 ACAAGATTCAGATCTTTGAAAAGGGTGACTTCAGTGCCAGATGTACGAAACCACGAGGACTGCCCTTC
 CACCATGGAGCGGTTTCACTTGCGGGAGATCCACTCCTGTAAGGTACTAGAAGGCACCTGGATCTTCTAT
 GAGCTACCCAGCTATCATGGCAGACAGTACCTTCTGGACAAGAAGGAGTACCGGAAGCCCGTCGATTGGG
 GTGCGGCGTCCCCCGCTGTCCAGTCATTCCGCCGATTGTGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001109553
Insert Size:	537 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).


[View online »](#)

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:	<u>NM_001109553.1, NP_001103023.1</u>
RefSeq Size:	696 bp
RefSeq ORF:	537 bp
Locus ID:	689897
UniProt ID:	<u>P0C5E9</u>
Cytogenetics:	11q23
Gene Summary:	Crystallins are the dominant structural components of the vertebrate eye lens. [UniProtKB/Swiss-Prot Function]