

Product datasheet for **RN207735**

Cryl1 (NM_175757) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cryl1 (NM_175757) Rat Untagged Clone
Tag: Tag Free
Symbol: Cryl1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207735 representing NM_175757
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCCCCAGCAGCGGGCGGGTGGTGATCATAGGCAGTGGACTCATTGGCCGGAGCTGGGCTATGC
TGTTTGCCAGTGGAGGCTTCAAGGTGAACTCTATGACATTGAGCAACAGCAGATAACGAACGCCCTGGA
AAGCATCAGGAAGGAGATGAAATCGCTGGAGCAGTCTGGTTCTCTCAAAGGCTCCCTGGGCGCAGAGCAG
CAGCTCTCTCATCAGTGGCTGCGGTAACCTCGCCGAAGCAGTAGAGGGCGCCATGCACATTCAGGAGT
GCGTCCGGGAGAACCTAGAAGTGAAGAAGATTTTTGCCAGCTGGACCGCATTGTGGACGACCAGGT
CATCCTCAGCAGCTCTAGCTCATGCCTGCCTTCCAAGCTGTTACGGGCTTGGCACATGTGAAGCAG
TGCATCGTGGCTCATCCTGTCAATCCACCATATTATGTCCCGCTGGTTGAGCTAGTCCCTCACCCAGAGA
CAGCTCCAGCCACAATGGACAGAACCTATGCCTTGATGAAGAAGATTAGACAGACCCAGTGAAGTCTCT
GAAGGAGATCGATGGCTTTGTCTGAACCGCTTGACGATCATCAGTGAAGGCTGGGATGCGGTATGCGT
GAGGAAGGAATAGTGTCTCCTAACGACCTGGACCTGGTCAATGTCAGATGGGCTGGGATGCGGTATGCGT
TCATTGGACCCTTGAGACCATGCACCTCAATGCGGAAGGTATGGTGAAGTACTGTGACAGATACAGTGA
AGGAATGAAGCGTGTCTCAAGACTTTTGGCCTGTTCCCGAGTCTCAGGGACACAGTGGAGAAAGTT
AACCAGGACATGTGCATGAAGGTTCCAGATGATCCAGAGCACTTAGCTGCCAGGAGGCATTGGAGGGACG
ACTGTCTCATGCAACTCTCCAACTGAAGCACCAGATGCAGCCCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_175757
Insert Size: 960 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:	<ol style="list-style-type: none">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_175757.2</u> , <u>NP_786933.1</u>
RefSeq Size:	1433 bp
RefSeq ORF:	960 bp
Locus ID:	290277
UniProt ID:	<u>Q811X6</u>
Cytogenetics:	15p12
Gene Summary:	human homolog is a putative enzyme-crystallin that is downregulated in cancer tissues [RGD, Feb 2006]