

Product datasheet for **RN216089**

Caly (NM_001190399) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Caly (NM_001190399) Rat Untagged Clone
Tag: Tag Free
Symbol: Caly
Synonyms: Calcyon; Drd1ip
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216089 representing NM_001190399
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGAAACTAGGCTGCAGCTTCTCAGGGAAGCCAGGCAAGGAAACAGGAGACCAGGATGGGGCTGCCA
TGGACAGTGTGCCTCTGATCAGCCCCCTGGATGTCAGCCAGCTTCAGCCATCATTCCCTGACCAGGTGGT
CATCAAAACACAGACAGAATATCAACTTACCTCTGCGGACCAGCCAAAGAAGTTCGAGATTTGGAGGGT
CAGAGGCTGGCCTGCAGCCACCCAGAGGAAGGACGCAGACTGCCACTGCAAGGATGATTGCCTTTGCTA
TGGCACTTCTGGGCTGTGTGCTGATCATGTACAAGGCCATTTGGTATGACCAGTTCACCTGCCCAGATGG
CTTCTACTTCGGCACAAGATCTGCACCCCACTGACCCTGGAGATGTAACACCGAGATGGACCCCGAA
CGCCACCGCAGCATCCTGGCAGCCATCGGGCCTACCCACTGAGCCGCAAGCAGGCACTGAGATGCCCG
CCATCTGGGAAACAGCTACCGGGCCGCAAGGAGGAGCATAAGGGCACCACCCAGCTGCGATGACTGT
GTCCACTGCAGCTGCAGCTGCAGCGCAGAGGGCAACGAGCCGTGAGGAAAGCCTTTGGACATGAGAGAG
AAAGAAGATCCGAGAAGGCGGAGGATGTGCCGTCCAGTCCCCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001190399
Insert Size: 681 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001190399.1</u> , <u>NP_001177328.1</u>
RefSeq Size:	991 bp
RefSeq ORF:	681 bp
Locus ID:	192349
UniProt ID:	<u>P58821</u>
Cytogenetics:	1q41
Gene Summary:	dopamine receptor 1 (D1R) of D1-like receptors interacting protein [RGD, Feb 2006] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.