

Product datasheet for RN211712

Rho (NM_033441) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rho (NM_033441) Rat Untagged Clone
Tag: Tag Free
Symbol: Rho
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211712 representing NM_033441
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACGGCAGAGGGCCCAATTTTTATGTGCCCTTCTCAACATCACGGGCGTGGTGCCGAGCCCT
TTGAGCAGCCGAGTACTACCTGGCGGAGCCATGGCAGTTCTCCATGCTGGCAGCCTACATGTTCTCTGCT
CATCGTGTGGGTTCCCATCAACTTCTCACGCTCTACGTCACCGTACAGCACAAGAAGCTGCGCACA
CCTCAACTACATCCTGCTCAACTTGGCTGTGGCTGACCTTTCATGGTCTTCGGAGGATCACCA
CCCTCTACACCTCACTGCATGGCTACTTTGTCTTTGGGCCACAGGCTGCAACCTTGAGGCTTCTTTGC
CACCTTGGAGGTGAAATCGGCCTGTGGTCCCTGGTAGTCTGGCCATTGAGCGCTACGTGGTGGTCTGC
AAGCCCATGAGCAACTCCGCTTTGGGAGAATCATGCCATTATGGGTGTGGCCTTACCTGGGTGATGG
CGTTGGCTGTGCTGCTCCCCACTGGTGGTGGTCCAGGTACATCCCCGAGGGCATGCAGTGTTCATG
TGGGATTGACTACTATACTCAAGCCTGAGGTCAACAATGAGTCCTTCGTCATCTACATGTTCTGTGGT
CACTTACCATCCCCATGATCGTCATCTTCTTCTGCTACGGCAGCTGGTCTTACCAGTCAAGGAGGCCG
CCGCCAGCAACAGGAGTCGGCTACCACTCAGAAGGCAGAGAAGGAAGTACGCGCATGGTCATCATCAT
GGTCATCTTCTTCTGATCTGCTGGCTTCCCTATGCCAGTGTGGCCATGTACATCTTACCACAGGGC
TCCAACCTCGGCCCATCTTTCATGACCTTCCCGCTTTCTTTGCTAAGACCGCCTCCATCTACAACCCAA
TCATCTACATCATGATGAACAAGCAGTTCGGAACTGCATGCTCACCACGCTCTGCTGCGGCAAGAATCC
ACTGGGAGATGATGAGGCTCTGCCACTGCCTCCAAGACGGAGACCAGCCAGGTGGTCCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_033441
Insert Size: 1047 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:	NM_033441.1 , NP_254276.1
RefSeq Size:	1493 bp
RefSeq ORF:	1047 bp
Locus ID:	24717
UniProt ID:	P51489
Cytogenetics:	4q42
Gene Summary:	visual pigment protein of rod photoreceptors involved in G-protein coupled receptor mediated signaling and phototransduction [RGD, Feb 2006]