

Product datasheet for **RN217266**

Fcho2 (NM_001191632) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fcho2 (NM_001191632) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fcho2
Synonyms:	RGD1565396
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217266 representing NM_001191632
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCGCCCTGGAGGGCGCGGGCGGTCTCTGGGAAGAAGCGCGCGCGCGGAGAGGGGGGCGCCGT
 GGGGGCCGGTCCGTGTTTACACAGCGCGCGGGCGGTGCGGACGCGGAACCGCGCGCGCGGCACGAT
 GGTGATGGCGCATTTCGTGGAGAATTTCTGGGGGAAAAAATAATGGCTTTGATGTTCTGTACCATAAT
 ATGAAACATGGACAGATATCAACTAAAGAACTAGCAGATTTTGTAAAGAGAAAGAGCTACAATAGAAGAGG
 CATACTCCAGATCAATGACAAAAGTACGAAATCTGCAAGCAATTATTCACAACTTGAACATTTGCACC
 AGTGTGGGATGTGTTCAAACATCTACAGAGAAATAGCAAAATGTCATTTGGATCTTGTAGAAAATTG
 CAGGAATTAATAAAGGAAGTTCAGAAATATGGAGAGGAGCAAGTAAATCTCATAAAAGACTAAAGAAG
 AAGTTGCAGGGACTCTGGAAGCAGTCCAAGCCATTGAGATATAACCCAGGCTCTCCAGAAGTCTAAGGA
 AAATTATAATGCCAAATGTGTAGAACAGGAACGTCTGAAAAGGAAGGAGCTACACCGAGAGAAATAGAA
 AAGGCAGCTGTTAAGTCCAAGAAAGCTACAGACACCTACAACTTTATGTGGAAGATATGCATTACAA
 AAGCTGATTTTGAACAGAAGATGACAGAAACAGCCAGAAATTTCAAGATATTGAAGAAACCCATCTCAT
 TCATATAAAGGAATTTATAGGATCCTTGTCAAATGCTATAAAGGAAATTCATTTACAAATAGGCCAGGT
 CATGAAGAATTTATAAATAATATGGCTAATACAACAATTGAAAGTTTGATACAAAATTTGCTGAGTCAA
 AAGGCACAGGGAAAGAAAGACCTGGCCTTATTGAATTTGAGGAGTGTGACCCTGCTAGTGCAGTTGAAGG
 CATAAAACCAAGGAAAGAAAGACTTTTGCTTTGCCTGGAATAATTAAAAAGGAAAGGATGCAGAACT
 GTGGAATGTCCTGATGCAGATTCACCTAATATTCCTGATGTAGATGAAGAAGTTTTAGTATTAACCCAG
 AAGCAATCAGAAATGATACCAAGAGAAACCAATTTCTACTCATCCAGTACTCTGACTCTGAAGACGAAGA
 ACCAAAGAGGTACCGGATAGAGATAAAGCCGTGCATCCCAATAATGTGCATCACACAATGGCTTCTCTG
 GATGAATTTGAAGTGTCCATAGGGAATATAACACTGTCCCGAGCTGTGTCTAGACACAGTCCAGTACAGA
 TGAATCGGAATTCATCTAATGAAGAGTTAACAATAAAGCCGTCTTCTCTACCCACTGAGAAAGGGAC
 CAATGATTTACTTGCTTGGGACCCCTATTTGGATCGTCTCTTGAGTCATCTTCAGCTCCATTAACCTCA
 TCATCATCGGCCAGCCACGACACCTCTTTCTTTAGGCACCATTTGTTCCACCTCCAAGACCTGCTTCCA
 GACCAAGCTTACTTCAGGCAAACTGAGTGAATTAATGAAATACCCAGGCCATTAGCCACCTATAAC
 TTCTAACACCAGCCACCTCCTACTGCTCCCTTAGCCCGGCAGAGAGCAGTTCCTCTATCTCTTCTCT
 GCGTCATTGAGTGTGCAATACTCCAACAGTAGGTGTATCACGGGGTCCAGCCAGTCAGCCTTGGA
 ACCAGGACACTTTGCCTGTGGCAATCGCCCTTACAGAATCTGTCAATGCCTACTTTAAAGGAGCAGATCC
 TACCAAGTGTATTGTGAAGATTACTGGAGACGTGACAATATCATTTCCAAGTGAATTATTAAGTCTTC
 ACGAGCAACCCCTCTCCAGCTGTGCTGTGCTTTAGGGTGAAAAACATCAGTAGACTCGAGCAGATTCTTC
 CAAATTCACAGCTTGTTTCAGTGATCCATCACAGTGTGATTCCAACACAAAAGATTTTGGATGAACAT
 GCAAGCTGTTACTGTCTACCTCAAGAAGCTGTCAGAGCAAAATCCAGTGTCTTCTTATTATAATGTAGAT
 GTACTAAAATACCAGGTATCATCAATGGCATTGAGTCCACTCCTCTAAATCTTGCAACATACTGGAAT
 GCAGTGCCAGCACACAGATCTGAGAGTGGATTATAAGTACAACCCAGAGGCTATGGTCGCACCTAGTGT
 GCTTTCCAACATACAGGTGGTGGTACCAGTGGATGGAGGAGTCAAAATATGCAGTCCCTTCCTCCTGCA
 ATATGGAATGCAGAACAAATGAAAGCCTTTGGAAATTATCTGGGATTTTCGGAGAAGTCAGACAGTGGAG
 GTTCTGGATCCCTCAGAGCAAAATTTGATCTTTGAGAAGTCCCAGCAAGCCTGCCACACTCGCGGTGCA
 ATTCTTAGTGAGGGAAATACCCTCTCAGGAGTAGACATCGAGCTTGTGGTACTGGCTATAGACTTTCT
 TTAGTAAAGAAGCGTTTTGCCACTGGACGATACTTGGCAGATTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191632

Insert Size: 2568 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).
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:	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_001191632.1, NP_001178561.1</u>
RefSeq Size:	3051 bp
RefSeq ORF:	2568 bp
Locus ID:	309129
Cytogenetics:	2q12