

## Product datasheet for RN213464

### Ackr3 (NM\_053352) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ackr3 (NM_053352) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ackr3
Synonyms:	Cmkor1; Cxcr7; Rdc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213464 representing NM_053352 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATGTGCATCTGTTGACTATGTGGAACCTGGAACTACTCGGACATCAACTGGCCCTGTAAACAGTA  
GCGACTGCATCGTCGTGGACACCGTGCAGTGTCCCGCCATGCCAACAAGAATGTGCTGTATACCCCT  
CTCCTTCACTACATTTTCATCTTCGTGATCGGTATGATTGCCAACTCCGTGGTGGTCTGGGTGAATATC  
CAGGCCAAGACTACAGGCTACGACACACTGCTACATCTTGAACCTGGCCATTGCCGATCTGTGGTGC  
TCATCACCATCCCTGTCTGGGTGGTCTCGTGCAGCATAACCAGTGGCCCATGGGTGAGCTCACGTG  
CAAGATCACACACCTCATTTTCTCCATCAACCTCTTTGGGAGCATCTTCTCCTCGCATGCATGAGCGTG  
GACCGCTATCTCTCCATCACCTACTTACCAGCACCTCCAGCTATAAGAAGAAGATGGTACGCCGTGTTG  
TCTGCGTCTTGGTGTGGCTGCTGGCCTTCTTTGTGTCCTGCCTGACACCTACTACCTGAAGACGGTCA  
ATCTGCTTCCAACAACGAGACCTACTGCAGTCTTCTACCCCGAGCACAGCATCAAGGAGTGGCTCATT  
GGCATGGAGCTGGTCTCCGTCATCTTGGGTTTTGCTGTCCCTTACCATCATTGCTATCTTCTACTTCC  
TGCTCGCCAGAGCCATGTCAGCATCCGGTGACCAGGAGAAACACAGCAGCCGGAAGATCATCTTCTCCTA  
CGTGGTGGTCTTCTGGTGTGTTGGCTGCCGTACCATTTGTGGTCTGCTGGACATCTTCTATCTTG  
CACTACATCCCGTTCACCTGCCAACTGGAGAATGTGCTTTACAGCGCTGCACGTCACGCAGTGCCTGT  
CCCTGGTGCAGTCTGTGCAACCCTGTGCTCTACAGTTCATCAACCGAAACTACAGGTACGAGCTGAT  
GAAGGCCCTTCACTTCAAGTACTCAGCCAAAACAGGACTCACAAACTCATCGATGCCTCCAGAGTGTCA  
GAGACAGAGTACTCTGCCTGGAGCAGAACACCAAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1548\\_a02.zip](https://cdn.origene.com/chromatograms/ja1548_a02.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_053352
<b>Insert Size:</b>	1089 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_053352.1</a> , <a href="#">NP_445804.1</a>
<b>RefSeq Size:</b>	1958 bp
<b>RefSeq ORF:</b>	1089 bp
<b>Locus ID:</b>	84348
<b>UniProt ID:</b>	<a href="#">O89039</a>
<b>Cytogenetics:</b>	9q36
<b>Gene Summary:</b>	human homolog is an orphan G-protein coupled receptor and may be associated with lipomas [RGD, Feb 2006]