

Product datasheet for **RN215569**

Fdxacb1 (NM_001108145) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fdxacb1 (NM_001108145) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fdxacb1
Synonyms:	RGD1562252
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215569 representing NM_001108145
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTGCGCCCTAGAGATCGCCGTAAAGGAGCCGAGGAGGCCATGGTTCCTAGGCGCCTCCTGTTGGTTG
 GGGAGGGGAATTTCTCCTTCGCCGCTTCTCTGATCGACGGCCTGGATCCCGACGTCAAGTTACCGCTAC
 CGGCTTCCAACACCGGGCGGATCTGGAGGGAGATCCCGTAGCTCTAGAGAACCTACGGCGCCTGCGCGAA
 CGAGGTGTTGAAGTGCCTTTTGGTGTGGATTGCACCCAGCTAGCAGACGAGAGGGAGTTTGATCGAATTT
 ATTTCAATTTCCCGCACTGTGGACGAAAAGCTGGAGTAGCTAAGAACAGGGAAGTCTTGCCAAAGTTTTT
 CCAGAGGAGTCAGGATAGGCCTTTTCATATAGAAGGTGCTTTGACCTATATCTTCACCCAGAGCCTACCC
 TTTGAAAGCTCTCGGCCAGAACATTCAAGTCAAGTGGAGGACCGATGGTTTTACTTTACAGAACAG
 AAGCCCTTCTAGGAAAGCTGAACAGAACCATCAATGAGAACTCATTGCTGAATTGGGCAAACTTTTCC
 CTTAAAAAGGCTGAGGTGTCCCCTCCCTTTGTTGTACAGGGAGGCCCGAGTGTCTCCCTCCAGTAGCC
 TGTGACCTTCTGCCTACCTTTTGGATTTGTCTACATGAAGATAGCTCATGTTCTGAGCTCCTGAATGGTG
 AAATAACAGAAGACATGGAAGAAATTCCTGACTCAGGTTCAAGTGTACCTTCCCAAGAGTCTGCGAG
 AGATGGCTGCAAAGCCGCTCAGGAAGGAGTCTGTGAACAGGTCAAGCTCCGCCTCAGGCCTTCTCTTCTT
 GTCCACGCTGAACCTGTCATCCATTCTCCAGAATTCCTCCAGGCTCTCTGTACGTCCTCAGTGGACCTG
 TCTTTCCGAAGTGCCATATTTTACCCTTTACGATGCCAGCATTCACGAGACTTTATTCATCCTTGGGTT
 TAATAGGAATACGAAGGAGAGCTGCCTTCTGCCACTGCTGGATCACCTGAAGGATACTCTAGGTAACCTT
 CTGACCCAGACGTTGCAGGAGGACTCCAGTTTGAGCACGTCAAGTGGATTTTGTCTTCAACCAATGGAA
 AGGATTATGTAATTCATGTGAAGTCTCTTGATTTTGGCCAGATTGTACTGAGAATCTTATTATGGGTC
 TATTGTACATCCACGATTGTTAAACACAAACACCAAGTGTGTTGTTGTTTCTATAAATTTGGACTTA
 TTGGTTATGCTTGCCTATGATATTTCTGATTGGAGAATATTGTGGAATTTTGATAACCGTTTCTGAAAA
 GATTTGCCCTGGGAAAAAGAACACTTTAAAAGCTATTCTTTATCCTCCATGCTATGTGCATGATGT
 TAGTTTCTGGTTAGATGAAAAGAACACATTTGATGAAGTGGAGTTTCACTGTAGCCCGAGCAGTGTCC
 CGGGACACTATCGTTTCCATACAGTTCTCGATCGTTTCCAGCATCCAGAGACTCAACAGGTCAAGTCTCT
 GCTACAGATTGACCTATCAGACTTGTGATAAGGCACTACCCACAGCTGGCAGCAGCAATGCAGTCCCA
 GTTCAGGAAAGAGATTCAAAGAGAGCTCCACGTTTACCTCGA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108145

Insert Size: 1656 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:

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_001108145.1, NP_001101615.1

RefSeq Size: 1754 bp

RefSeq ORF: 1656 bp

Locus ID: 315646

Cytogenetics: 8q23