

Product datasheet for **RN216591**

Faxc (NM_001271065) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Faxc (NM_001271065) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Faxc
Synonyms:	RGD1562449
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216591 representing NM_001271065 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCACTGGGGGTTGGCTTTCCTCGTCCAGGCCGTGCGTGGTGGACCTGAGCTGGAACCAGAGCATCT
CCTTCTTCGGCTGGTGGCCGGTCCGAGGAGCCCTTCTCCTTTATGGGGACATCATCGCTTTCCTTT
GCAGGATTACGGTGGGATCATGGCAGGGCTGGGCTCGGATCCCTGGTGAAGAAAACCTTTATTTGACC
GGGGGAGCTTTGCTGGCCGGCTGCGTATCTGCTCCACGAACTCCTGGTCATTAGGAAGCAGCAAGAGC
TCGACTCAAAGACGCCATTATTTGCATCAGTTTGCAAGACCTAACAATGGTGTCCCCAGCTTGTCTCC
TTTCTGTTTGAAAATGGAACTTACTTAAGAATGGCCGACCTTCCCTATCAGAACTATTTTGGTGGAAAA
CTCTCTGCTCAAGGGAATGCCTTGGATTGAATATAATAATGAAAAAGTGTCTGGCACAGAATTCATAA
TCGACTTTCTGGAAGAGAACTTGGAGTGAACCTTAAACAAAAACCTTGGCCCCATGAAAGAGCTGTCTC
AAGAGCTGTGACCAAGATGGTGGAGAGCACTTTACTGGACATTAGCTTATTGCCAGTGGGTGGACAAT
CTCAATGAGACCCGGAAGATGCTGTCACTTAGTGGTGGTCCCTTCAGTAACCTGCTCAGGTGGGTGCG
TGTGCCACATAACAAAAGGAATTGTGAAGCGGGAGATGCACGGCCACGGCATTGGCCGCTTCTCGGAGGA
AGAGATTTACATGCTGATGGAGAAGGACATGCGGTCTTTAGCAGGGCTTTTGGTGACAAGAAGTACATC
ATGGGGCCCAAGCTTTCCACTTTGATGCCACTGTCTTTGGACACTTGGCACAGGCGATGTGGACCTTGC
CAGGGACAAGACCGGAGCGGCTAATCAAAGGTGAGCTGATCAACCTTGCCATGTACTGCGAGAGGATCAG
GAGGAAATTCTGGCCGAATGGCACCATGACGATGACAACACCATCTATGAGTCTGAGGAGAGCAGCGAG
GGCAGCAAGACTCACACCTATGCTGGATTTTACTTTTACTCAAGGACAGAGACCTTTGAAGATGAGG
GGGCTGAGAACAGTTTTCCAGGACCCAGACCGGATTTACCGGACATTCTCTTTGACTCTGACGT
GGACATGGATGACTACACAGAACACGAACAGTGCAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001271065
Insert Size:	1230 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_001271065.1, NP_001257994.1</u>
RefSeq Size:	1679 bp
RefSeq ORF:	1230 bp
Locus ID:	366333
UniProt ID:	<u>D3ZAT9</u>
Cytogenetics:	5q21
Gene Summary:	May play a role in axonal development.[UniProtKB/Swiss-Prot Function]