

Product datasheet for **RN203727**

Fgr (NM_024145) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgr (NM_024145) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgr
Synonyms:	p55-Fgr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203727 representing NM_024145
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCTGTGTGTTCTGCAAGAAGTTAGAGCCTGCACCCAAGGAGGATGTTGGCCTGGAAGGGGACTTCC
GGAGCCAAGGCGCTGAAGAACGCTATTACCCTGACCTACTCAAGGCCGGTCTTCGTCCATCTCGCCTCA
GCCCATCAGCCCTGCTTTCCCTTAATGTTGGCAACATAAGAAGCGTCTCTGGGACGGGAGTGACCATATTC
GTCGCCCTGTATGACTATGAGGCCAGGACAGGGGATGACCTCACCTTCACCAAAGGCGAGAAGTTCCACA
TCCTGAACAATACGGAGTATGACTGGTGGGAGGCTAGGTCCTGAGCTCCGGACGCACGGGCTATGTTCC
CAGCAACTATGTGGCTCCCGTGGATTCCATCCAGGCTGAAGAGTGGTACTTCGGAAAGATCAGCAGAAAG
GATGCAGAGAGGCAGCTTCTCTCCGATGGCAACCCTCAAGGGCCTTTCTCATTCCGGAAAGCGAGACCA
CCAAAGGTGCCTACTCCCTGTCCATCCGTGACTGGGACCAGAACAGAGGGCACCACATAAAGCATTACAA
GATCCGAAAGCTGGACATGGGTGGCTACTACATACCACGCGGGCCAGTTCGAATCCGTGCAGGACCTG
GTGCGGCACTACATGGAAGTGAATGACGGTCTATGCTACTTGCTACCCGACCCTGTATGGTCATGAAGC
CCCAGACTCTAGGCTGGCTAAGGATGCCTGGGAGATCGACCGTAACTCCATAGCACTTGACCGCAGGCT
GGGCACCGGCTGCTTTGGAGACGTGTGGCTGGGCACGTGGAAGTGTAGCACAAGGTGGCAGTGA AAAACG
CTGAAGCCAGGCACCATGTCGCCGAAGGCCTTCTGGAGGAGGCACAGATCATGAAACTGCTGAGGCACG
ACAAGCTGGTGCAGCTGTACGCGGTGGTGTGAGAGGAACCCATTTATATTGTGACAGAGTTCATGTGCTA
TGGTAGCTTGCTGGATTTCTAAAGGATCGAAAGGGTCAACTTGTAGTGTGCCAATCTAGTGGACATG
GCTGCCAGGTAGCAGAGGGCATGGCCTACATGGAGCGCATGAACTATATCCACCGAGACCTGAGAGCAG
CCAACATCCTGGTGGGGAAACATCTAATATGCAAGATCGCTGACTTTGGGTTGGCAGCCTCATAGTGGGA
CGATGAGTACAACCCCAACAAGGAACCAAGTTTCCCATCAAGTGGACAGCCCAAGGCTGCTCTCTTT
GGCAGATTCACTGTCAAATCAGACGTGTGGTCTTTGGGATTCTGCTCACTGAACTGATCACCAAGGGCA
GAGTTCCATACCCAGGTATGAACAACCGGGAAGTGTGGAACAGGTAGAGCACGGCTACCACATGCCATG
CCCTCCGGGATGCCAGTATCCCTGTATGAGGTGATGGAGCAGACCTGGCGTCTGGATCCAGAGGAGAGG
CCCACCTTTGAGTACCTGCAGTCTTCTGGAAGACTATTTACCTCCACAGAACCACAGTATCAGCCCG
GAGACCAGACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_024145

Insert Size: 1554 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_024145.2](#), [NP_077059.2](#)

RefSeq Size: 2535 bp

RefSeq ORF: 1554 bp

Locus ID: 79113

UniProt ID: [Q6P6U0](#)

Cytogenetics: 5q36

Gene Summary: phosphorylates phospholipase D2 (PLD2); plays a role in mast cell activation [RGD, Feb 2006]