

Product datasheet for **RN208560**

Fyn (NM_012755) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fyn (NM_012755) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fyn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208560 representing NM_012755
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTGTGTGCAATGTAAGGATAAAGAAGCAGCGAACTGACGGAGGAGAGGGACGGCAGCCTGAACC
AGAGCTCTGGGTACCGCTATGGCACAGACCCACCCCTCAGCACTACCCAGCTTCGGTGTGACCTCCAT
CCCGAACTACAACAACCTCCACGCAGCCGGGGCCAGGGACTCACGGTCTTTGGGGTGTGAACTCCTCC
TCTCACACCGGGACCCTGCGTACTAGAGGAGGGACAGGAGTGACACTATTTGTGGCACTTTATGACTATG
AAGCACGGACAGAAGATGACCTGAGTTTTCAAAAGGAGAAAAATTTCAAATATTGAACAGCTCGGAAGG
AGACTGGTGGGAAGCCCCTCTTGACAACTGGGAACTGGTTACATTCCTAGCAACTACGTGGCTCCA
GTTGACTCCATCCAGGCAGAAGAGTGGTACTTTGGAAAACCTGGCCGAAGGATGCTGAGAGACAGCTCC
TGTCTTTGGAAACCAAGAGGTACCTTTCTTATCCGCGAGAGCGAAACCACAAAGGTGCCTACTCCCT
CTCCATCCGAGACTGGGACGACATGAAGGGAGACCATGTCAAACATTACAAAATCCGCAAGCTTGACAAC
GGCGGGTACTACATCACACGAGGGCCAGTTTGAGACCCCTCAGCAGCTTGACAGCATTACTCAGAGA
GAGCCCGGGTCTCTGCTGCCGTCTAGTAGTCCCTGTCAAAAGGGATGCCAAGGCTTACCGATCTGTC
TGTCAAAACAAAGATGTCTGGGAAATCCCTCGAGAATCCCTGCAGTTGATCAAGAGACTGGGAAATGGG
CAGTTTGGGGAAGTATGGATGGGTACCTGGAATGGAAACACAAAAGTAGCCATAAAGACTCTTAAGCCAG
GCACAATGTCCCCGGAATCCTTCTGGAGGAAGCACAGATCATGAAGAAGCTGAAGCACGACAAGCTGGT
GCAGCTCTATGCAGTTGTGTCCGAAGAGCCCATTTACATTGTACGGAATACATGAACAAAGGAAGTTG
CTCGACTTCTTAAAAGACGGTGAAGGACGGGCTCTGAAATTGCCAAACCTCGTGGACATGGCCGGCACAGG
TTGCTGCAGGAATGGCTTACATCGAACGCATGAATTATATCCACAGAGATCTGCGGTGAGCTAACATTCT
GGTGGGGAACGGACTCATTGCAAGATTGCTGACTTCGGATTGGCCCGGTTGATTGAAGACAATGAGTAC
ACAGCCAGACAAGGTGCAAAGTTTCCATTAAAGTGGACAGCCCCGAAGCGGCCCTGTATGGAAGGTTCA
CAATCAAGTCTGACGTGTGGTCTTTGGAATCTTACTCACAGAGCTGGTACCAAAGGCAGAGTGCCGTA
CCCAGGCATGAACAACCGTGAGGTGCTGGAGCAGGTGGAGAGAGGCTACAGGATGCCCTGCCCGCAGGAC
TGCCCCGATCTCCCTGCACGAGCTCATGATCCACTGCTGGAAAAAGGATCCGGAGGAGCGCCCCACTTTCG
AGTACTTGCAAGGCTTCTGGAGGACTACTTTACCGCCACAGAGCCCCAGTATCAGCCCGGTGAAAACCT
GTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1262_a11.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_012755

Insert Size: 1614 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_012755.1](#), [NP_036887.1](#)

RefSeq Size: 1844 bp

RefSeq ORF: 1614 bp

Locus ID: 25150

UniProt ID: [Q62844](#)

Cytogenetics: 20q12

Gene Summary: may mediate tyrosine phosphorylation of Cbl protein in cerebellum in response to ethanol administration [RGD, Feb 2006]