

Product datasheet for **RR200283**

Lyn (NM_030857) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lyn (NM_030857) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lyn
Synonyms:	p53Lyn; p56Lyn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR200283 representing NM_030857
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGATGTATTAATCAAAAAGGAAAGACAATCTGAATGACGATGGAGTAGATATGAAGACTCAACCAG
 TACGTAATACTGACCGAACTATTTATGTGAGAGATCCAACGTCCAATAAACAGCAAAAGGCCAGTTCTCTGA
 ATCTCAACTTTTACCAGGACAGAGATTTCAAGCAAAGATCCAGAGGAGCAAGGGGACATTGTGGTGGCC
 TTGTATCCCTATGATGGCATCCACCCAGACGACTTGTCTTTCAAGAAAGGAGAAAAGATGAAAGTTCTGG
 AAGAGCACGGGAGTGGTGGAAAGCTAAGTCCCTTTTCATCAAAGAGAGAAGGCTTCATCCCAGCAACTA
 CGTGGCCAAGGTCAACACCTTAGAAACCGAAGAGTGGTCTTCAAGGACATAACAAGGAAAGATGCAGAA
 CGACAGCTTCTGGCACCAGGGAACAGTCCCGGGCTTTCCTGATCAGAGAAAGTAAACTTTAAAGGGAA
 GCTTCTCTTTCCGTCAGAGATTACGACCTATGCATGGCGACGTCATTAAGCACTACAAAATCAGAAG
 CCTGGACAATGGTGGTTATTACATCTCTCCGAGGATCACTTTTCCCTGTATCAGTGACATGATTAAGCAT
 TACCAAAAAGCAGTCTGATGGTCTATGCAGAAGACTGGAGAAGGCATGCATCAGTCCCAAACACAGAAGC
 CATGGGATAAAGATGCTTGGGAGATCCCCCGGGAGTCCATTAAGCTGGTAAAAAACTCGGCGCAGGGCA
 GTTCGGGGAAGTCTGGATGGGTTACTATAACAACAGCACAAAAGTGGCTGTAAAGACCCTCAAGCCTGGC
 ACCATGTCTGCTCAAGCATTCTGGAAGAGGCCAACCTCATGAAGACCTTGACAGCATGACAAGCTAGTGC
 GGCTGTATGCCGTGGTACCAAGGAGGAGCCATCTACATCATTACCGAGTTCATGGCCAAGGGTAGCTT
 GCTGGATTTCTCAAGAGTGACGAAGGCAGCAAGTCTGCTCCCGAACTCATTGACTTTTCAGCTCAG
 ATTCAGAAAGGCATGGCGTACATCGAGCGGAAGAACTACATCCACCGCATCTGCGAGCTGCCAACGTGC
 TGGTCTTGAGTCTCTCATGTGCAAGATTGCAGACTTTGGCTCGCGAGAGTAATCGAAGATAATGAATA
 CACAGCGAGGGAAGGTGCCAAGTCCCTATCAAGTGGACGGCTCCAGAGGCCATCAACTTCGGCTGCTTC
 ACTATCAAGTCTGACGTGTGGTCTTCGGAATTCTCTGTACGAGATCGTCACCTATGGGAAGTCCCT
 ACCCAGGGAGAACTAACGCAGATGTGATGACCGACTGTACAGGGGTACCGAATGCCACGAATGGAGAA
 CTGTCCAGATGAGCTCTATGACATCATGAAAATGTGCTGGAAGGAATCAGCAGAGGAGAGGCCAACCTTT
 GACTACTTACAGAGTGTACTGGATGACTTCTACACTGCCACGGAAGGGCAGTATCAGCAGCAGCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR200283 representing NM_030857
 Red=Cloning site Green=Tags(s)

MGCIKSKRKDNLNDDGVDMKTQPVRNTDRTIYVRDPTSNKQQRVPESQLLPGQRFQAKDPEEQGDIVVA
 LYPYDGIHPDDL SFKKGEKMKVLEEHEWVKAKSLSSKREGFIPSNYVAKVNTLETEEWFKDIRKDAE
 RQLLAPGNSAGAF LIRES ETLKGSFSLSVRDYDPMHGDV IKHYKIRSLDNGGYI SPRITFP CISMIKH
 YQKQSDGLCRRLEKACISPKPQKPWDKDAWEIPRESIKLVKKL GAGQFGEVWMGYNNSTKVAVKTLKPG
 TMSAQAFLEEANL M KTLQHDKLVRLYAVVTKEEP IYIIT EFMAGSLLDFLKSDEGSKVLLPKLIDFSAQ
 IAEGMAYIERKNYIHRDLRAANVLVSESLMCKIADFG LARVIEDNEYTAREGAKFPIKWTAPEA INFGCF
 TIKSDVWSFGILLYEIVTYGKIPYGR TNADVMTAL SQGYRMPRMENCPDEL YD IMKMCWKESAEERPTF
 DYLSVLDDFYTATEGQYQQQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_030857

ORF Size: 1536 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_030857.2](#), [NP_110484.1](#)

RefSeq Size: 3430 bp

RefSeq ORF: 1539 bp

Locus ID: 81515

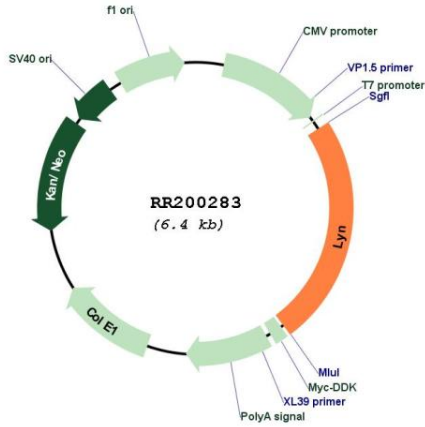
UniProt ID: [Q07014](#)

Cytogenetics: 5q12

MW: 58.7 kDa

Gene Summary: Src-related tyrosine kinase; may play a role in trophoblast giant cell differentiation [RGD, Feb 2006]

Product images:



Circular map for RR200283