

Product datasheet for **RN200284**

Lyn (NM_001111098) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lyn (NM_001111098) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lyn
Synonyms:	p53Lyn; p56Lyn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200284 representing NM_001111098
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGATGTATTAATCAAAAAGGAAAGACAATCTGAATGACGATGGAGTAGATGAAGACTCAACCAG
TTCCTGAATCTCAACTTTTACCAGGACAGAGATTTCAAGCAAAAGATCCAGAGGAGCAAGGGGACATTGT
GGTGGCCTTGATCCCTATGATGGCATCCACCCAGACGACTTGTCTTTCAAGAAAGGAGAAAAGATGAAA
GTTCTGGAAGAGCACGGGAGTGGTGGAAAGCTAAGTCCCTTTCATCAAAGAGAGAAGGCTTCATCCCCA
GCAACTACGTGGCCAAGGTCAACACCTTAGAAACCGAAGAGTGGTTCTTCAAGGACATAACAAGGAAAGA
TGCAGAACGACAGCTTCTGGCACCAGGGAACAGTGCCGGGGCTTTCCTGATCAGAGAAAGTGAACTTTA
AAGGGAAGCTTCTCTTTCCGTCAGAGATTACGACCCTATGCATGGCGACGTCATTAAGCACTACAAAA
TCAGAAGCCTGGACAATGGTGGTTATTACATCTCTCCGAGGATCACTTTCCCTGTATCAGTGACATGAT
TAAGCATTACAAAAGCAGTCTGATGGTCTATGCAGAAGACTGGAGAAGGCATGCATCAGTCCCAAACCA
CAGAAGCCATGGGATAAAGATGCTTGGGAGATCCCCGGGAGTCCATTAAGCTGGTGAAAAAAGCTCGGCG
CAGGGCAGTTCGGGGAAGTCTGGATGGGTTACTATAACAACAGCACAAAAGTGGCTGTAAAGACCTCAA
GCCTGGCACCATGTCTGCTCAAGCATTCTGGAAGAGGCCAACCTCATGAAGACCTTGCAGCATGACAAG
CTAGTGGCGGTGTATGCCGTGGTCACCAAGGAGGAGCCCATCTACATCATTACCGAGTTCATGGCCAAGG
GTAGCTTGCTGGATTTCCCTCAAGAGTGACGAAGGCAGCAAGGTTCTGCTCCCGAAACTCATTGACTTTTC
AGCTCAGATTGCAGAAGGCATGGCGTACATCGAGCGGAAGAACTACATCCACCGCGATCTGCGAGCTGCC
AACGTGCTGGTCTCTGAGTCTCTCATGTGCAAGATTGCAGACTTTGGCCTCGCGAGAGTAATCGAAGATA
ATGAATACACAGCGAGGGAAGGTGCCAAGTCCCTATCAAGTGGACGGCTCCAGAGGCCATCAACTTCGG
CTGCTTCACTATCAAGTCTGACGTGTGGTCCCTCGGAATTCCTGTACGAGATCGTCACCTATGGGAAG
ATTCCCTACCCAGGAGAACTAACGCAGATGTGATGACCGCACTGTACAGGGGTACCGAATGCCACGAA
TGGAGAACTGTCCAGATGAGCTCTATGACATCATGAAAATGTGCTGGAAGGAATCAGCAGAGGAGAGGCC
AACCTTTGACTACTTACAGAGTGTACTGGATGACTTCTACACTGCCACGGAAGGGCAGTATCAGCAGCAG
CCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001111098

Insert Size: 1476 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:	<ol style="list-style-type: none">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_001111098.1, NP_001104568.1</u>
RefSeq Size:	3367 bp
RefSeq ORF:	1476 bp
Locus ID:	81515
UniProt ID:	<u>Q07014</u>
Cytogenetics:	5q12
Gene Summary:	<p>Src-related tyrosine kinase; may play a role in trophoblast giant cell differentiation [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the 5' coding region, compared to variant 1, resulting in a shorter protein (isoform B). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because transcript sequence consistent with the reference genome assembly was not available for all regions of the RefSeq transcript. The extent of this transcript is supported by transcript alignments.</p>