

Product datasheet for **SC307097**

LYNX1 (NM_177457) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYNX1 (NM_177457) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYNX1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_177457, the custom clone sequence may differ by one or more nucleotides ATGACGCCCTGCTCACCTGATCCTGGTGGTCTCATGGGCTTACCTCTGGCCCAGGCC TTGGACTGCCACGTGTGTGCCTACAACGGAGACAAGTCTCAACCCCATGCGCTGCCCG GCTATGGTTGCCTACTGCATGACCACGCGCACCTACTACACCCACCAGGATGAAGGTC AGTAAGTCTGCGTGCCCGCTGCTTCGAGACTGTGTATGATGGCTACTCCAAGCACGCG TCCACCACCTCCTGCTGCCAGTACGACCTCTGCAACGGCACCGCCTTGCCACCCCGGCC ACCCTGGCCCTGGCCCCATCCTCCTGGCCACCCTCTGGGGTCTCCTCTAA
Restriction Sites:	Please inquire
ACCN:	NM_177457
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.



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RefSeq: [NM_177457.2](#), [NP_803252.1](#)

RefSeq Size: 1021 bp

RefSeq ORF: 351 bp

Locus ID: 66004

UniProt ID: [P0DP58](#)

Cytogenetics: 8q24.3

Protein Families: Druggable Genome

Gene Summary: This gene encodes a GPI-anchored, cell membrane bound member of the Ly6/uPAR (LU) superfamily of proteins containing the unique three-finger LU domain. This protein interacts with nicotinic acetylcholine receptors (nAChRs), and is thought to function as a modulator of nAChR activity to prevent excessive excitation. Alternatively spliced transcript variants have been found for this gene. Read-through transcription between this gene and the neighboring downstream gene (SLURP2) generates naturally-occurring transcripts (LYNX1-SLURP2) that encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq, Sep 2017]

Transcript Variant: This variant (3) differs in the 3' UTR and in the coding region, compared to variant 1. The resulting isoform (c) is shorter, and has a distinct C-terminus when compared to isoform a. Isoform c is encoded by transcript variants 3, 4 and 5.