

Product datasheet for **SC125635**

LYG1 (NM_174898) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LYG1 (NM_174898) Human Untagged Clone
Tag:	Tag Free
Symbol:	LYG1
Synonyms:	SALW1939
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_174898 edited

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ATAATTTATGAGATGTCATAAATCTCTCCAAAATAGGATGAGATGAACACTTTTAAACAAG
AGAACAGGACCCTATATAAATCGCTGTGGGCTCACCACCTCTAAGGAGGAGCACTGACTG
AAGACAGAAAAATTGATGAACGAAGAAGACATGGTCCATTATGCCTTACAACTTACAC
AGTGCTTTGGGAATTCCAAAGTACTCAGTGGAGAGAGGTGTTTCAGGAGCCGTAGAGCCA
GATCGTCATCATGTCTGCATTGTGGCTGCTGCTGGGCCTCCTTGCCTGATGGACTTGTC
TGAAAGCAGCAACTGGGGATGCTATGGAAACATCCAAAGCCTGGACACCCCTGGAGCATC
TTGTGGGATTGGAAGACGTCACGGCCTGAACTACTGTGGAGTTCGTGCTTCTGAAAGGCT
GGCTGAAATAGACATGCCATACCTCCTGAAATATCAACCCATGATGCAAACCATTTGGCCA
AAAGTACTGCATGGATCCTGCCGTGATCGCTGGTGTCTTGTCCAGGAAGTCTCCCGGTGA
CAAAATTCCTGGTCAACATGGGCGATAGGACTAGCATGGTGCAGGACCCTGGCTCTCAAGC
TCCCACATCCTGGATTAGTGAGTCTCAGGTTTCCAGACAACGAAGTTCTGACTACTAG
AATCAAAGAAATCCAGAGGAGGTTTCCAACCTGGACCCCTGACCAGTACCTGAGAGGTGG
ACTCTGTGCCTACAGTGGGGGTGCTGGCTATGTCCGAAGCAGCCAGGACCTGAGCTGTGA
CTTCTGCAATGATGTCCTTGACGAGCCAAGTACCTCAAGAGACATGGCTTCTAACATCT
CAGATGAAACCAAGACCATGATCACATATGCAGCCTCAAATGTTACACAGATAAACTA
GCCAAGGGCACCTGTAACCTGGGAATCTGAGTTTGACCTAAAAGTCATTAATAACATGA
ATCACATTAAAGGAAGATTTTGACCTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_174898 unedited <pre> GTTAGGATTTGTAACGACTTATATAGGCGGCCGCGNAATCAGATCTGGTACCGGTCCGG AATTCCCGGGATATAATTTATGAGATGTCATAAATCTCTCCAAATAGGATGAGATGAAC ACTTTTAACAAGAGAACAGGACCCTATATAATCGCTGTGGGCTCACCACCTCTAAGGAG GAGCACTGACTGAAGACAGAAAAATTGATGAAGTGAAGAAGACATGGTCCATTATGCCTT ACAAACTTACACAGTGTCTTGGGAATTCCTCAAGTACTCAGTGGAGAGAGGTGTTTCAGGA GCCGTAGAGCCAGATCGTCATCATGTCTGCATTGTGGCTGCTGCTGGGCCTCCTTGCCCT GATGGACTTGTCTGAAAGCAGCAACTGGGGATGCTATGGAAACATCCAAAGCCTGGACAC CCCTGGAGCATCTTGTGGGATTGGAAGCGTCACGGCCTGAACTACTGTGGAGTTCGTGC TTCTGAAAGGCTGGCTGAAATAGACATGCCATACCTCCTGAAATATCAACCCATGATGCA AACCATTGGCCAAAAGTACTGCATGGATCCTGCCGTGATCGCTGGTGTCTTGTCCAGGAA GTCTCCCGGTGACAAAATTCTGGTCAACATGGGCGATAGGACTAGCATGGTGCAGGACCC TGGCTCTCAAGCTCCCACATCCTGGATTAGTGAGTCTCAGGTTTCCAGACNACTGAAGT TCTGACTACTAGAATCAAAGAAATCCAGAGGAGGTTTCCAACCTGGACCCCTGACCAGTA CCTGAGAGGTGGACTCTGTGCCTACAGTGGGGGTGCTGGCTATGTCCGAAGCAGCCAGGA CCTGAGCTGGGACTTCTGCATGATGTTCTTGACAGCAAGTACCCTCAGAGACTGGCTT CTACATCTAAAATGAACCCAGACCTGATACTATGCGCA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_174898
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:	<u>NM_174898.1</u> , <u>NP_777558.1</u>
RefSeq Size:	1015 bp
RefSeq ORF:	585 bp
Locus ID:	129530
UniProt ID:	<u>Q8N1E2</u>
Cytogenetics:	2q11.2