

Product datasheet for **SC319473**

LUC7L (NM_018032) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LUC7L (NM_018032) Human Untagged Clone
Tag:	Tag Free
Symbol:	LUC7L
Synonyms:	hLuc7B1; Luc7; LUC7B1; SR+89
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_018032.3

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CCGACGCGACCATCGTTTGTGACGCCGCTGCCACCGCCTGCCTGAGAGAAGTCGTCGCG
GCCGACCCCGTCGCCCTCCGCCGGCTACCATGTCCGCCCAGGCGCAGATGCCGGCCCTGCT
GGACCAGCTCATGGGCACGGCTCGGGACGAGACGAAACACAGAGAGGGTCAAGTTTAC
AGATGACCGTGTCTGCAAGAGTCACCTTCTGGACTGCTGCCCCCATGACATCCTGGCTGG
GACGCGCATGGATTTAGGAGAATGTACCAAAATCCACGACTTGGCCCTCCGAGCAGATTA
TGAGATTGCAAGTAAAGAAAGAGACCTGTTTTTTGAATTAGATGCAATGGATCACTTGA
GTCCTTTATTGCTGAATGTGATCGGAGAACTGAGCTCGCCAAGAAGCGGCTGGCAGAAAC
ACAGGAGGAAATCAGTGCAGGAGTTTCTGCAAAGGCAGAAAAAGTACATGAGTTAAATGA
AGAAATAGGAAACTCCTTGCTAAAGCCGAACAGCTAGGGGCTGAAGGTAATGTGGATGA
ATCCCAGAAGATTCTTATGGAAGTGAAAAAGTTCGTGCGAAGAAAAAGAGCTGAGGA
AGAATACAGAAATTCATGCCTGCATCCAGTTTTTCAGCAGCAAAAGCTGCGTGTCTGCGA
GGTCTGTTTCAGCCTACCTTGGTCTCCATGACAATGACCGTCGCTGGCAGACCACTTCGG
TGGCAAGTTACACTTGGGGTTCATTAGATCCGAGAGAAGCTTGATCAGTTGAGGAAAAAC
TGTCGCTGAAAAGCAGGAGAAGAGAAATCAGGATCGCTTGAGGAGGAGAGAGGAGAGGGA
ACGGGAGGAGCGTCTGAGCAGGAGGTCCGGATCAAGAACCAGAGATCGCAGGAGGTACG
CTCCCGGATCGGCGTCGGAGGCGGTCAAGATCTACCTCCCGAGAGCGACGGAATTTGTC
CCGGTCCCGGTCCCGAGATAGACATCGGCGCCACCGCAGCCGTTCCCGGAGCCACAGCCG
GGGACATCGTCGGGCTTCCCGGACCGAAGTGCGAAATACAAGTAACACTCTGACTCCT
TCGGTAGCTGCAACCAGGAGTGAGCCCTTCTCTGTGTTCCAGGGTCTGCTGAGGGCCGT
GTCTGGTGGGATGGGGCTGGGCTCACCTCAGGAGTAGGGCTGGGGAGTCGTGAACGGG
ACTCAGGTGTGGGAAGAGGCGAGAGGGCTGTGGAGGAGCTCGACGGCGCCAGGTGATGG
GCTGCACAGGCACTGTCCCTGCCTGCGTCTGGGGCCTGTGCACTGTTGCGTCCATGCT
CAGAGTGGCTGAGACTTGTGCTGACCAGGCCCTGCTTACCTCTGTTTTGGTTTTTGT
TTTTGATATTTTTTTTCCATTGTGTTTTTACGTAGTGTATGTTCTGTGCATATAGTGT
GTATTCTCCTTTGCACTGTTTATGTTACAGTGAAGGCTCTCCTTATTAATAATCTTCGA
AAGGTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	Please inquire
ACCN:	NM_018032
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:	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_018032.3</u> , <u>NP_060502.1</u>
RefSeq Size:	2082 bp
RefSeq ORF:	978 bp
Locus ID:	55692
UniProt ID:	<u>Q9NQ29</u>
Cytogenetics:	16p13.3
Domains:	DUF259
Gene Summary:	The LUC7L gene may represent a mammalian heterochromatic gene, encoding a putative RNA-binding protein similar to the yeast Luc7p subunit of the U1 snRNP splicing complex that is normally required for 5-prime splice site selection (Tufarelli et al., 2001 [PubMed 11170747]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) differs in the 3' UTR and coding sequence compared to variant 2. The resulting isoform (a) is shorter at the C-terminus compared to isoform b. Variants 2 and 3 encode the same isoform (a).