

Product datasheet for SC308023

LUC7L (NM_201412) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	LUC7L
Synonyms:	hLuc7B1; Luc7; LUC7B1; SR+89
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308023 representing NM_201412. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCGCCAGGCGCAGATGCGGGCCCTGCTGGACCAGCTCATGGGCACGGCTCGGGACGGAGACGAA
ACCAGACAGAGGGTCAAGTTTACAGATGACCGTGTCTGCAAGAGTCACCTTCTGGACTGCTGCCCCCAT
GACATCCTGGCTGGGACGCGCATGGATTTAGGAGAATGTACCAAAATCCACGACTTGGCCCTCCGAGCA
GATTATGAGATTGCAAGTAAAGAAAGAGACCTGTTTTTTGAATTAGATGCAATGGATCACTTGGAGTCC
TTTATTGCTGAATGTGATCGGAGAACTGAGCTCGCCAAGAAGCGGCTGGCAGAAACACAGGAGGAAATC
AGTGCGGAAGTTTCTGCAAAGGCAGAAAAAGTACATGAGTTAAATGAAGAAATAGGAAAACTCCTTGCT
AAAGCCGAACAGCTAGGGGCTGAAGGTAATGTGGATGAATCCAGAAGATTCTTATGGAAGTGAAAAA
GTTCTGTGCAAGAAAAAGAAGCTGAGGAAGAATACAGAAATTCATGCCTGCATCCAGTTTTTCAGCAG
CAAAAGCTGCGTGTCTGCGAGGTCTGTTACGCTACCTTGGTCTCCATGACAATGACCGTCGCTGGCA
GACCACTTCGGTGGCAAGTTACACTTGGGGTTCATTACAGATCCGAGAGAAGCTTGATCAGTTGAGGAAA
ACTGTCGCTGAAAAGCAGGAGAAGAGAAATCAGGATCGCTTGAAGAGGAGAGAGGAGAGGGAACGGGAG
GAGCGTCTGAGCAGGAGGTGCGGATCAAGAACCAGAGATCGCAGGAGGTACGCTCCCGGGATCGGCGT
CGGAGGCGGTCAAGATCTACCTCCGAGAGCGACGGAATTTGTCGGTCCCGGTCCCGAGATAGACAT
CGGCGCCACCGCAGCCGTTCCCGGAGCCACAGCCGGGACATCGTCGGGCTTCCCGGACCGAAAGTGCG
AAATACAAGTTCTCCAGAGAGCGGGCATCCAGAGAGGAGTCTGGGAGAGCGGGCGGAGCGAGCGAGGG
CCCCCGGACTGGAGGCTTGAAGCTCAACGGGAAGATGGCTTACGGAGGTGAGAAGAGAGGAGGGC
GGCGAGATCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



ACCN:	NM_201412
Insert Size:	1116 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_201412.2
RefSeq Size:	1493 bp
RefSeq ORF:	1116 bp
Locus ID:	55692
UniProt ID:	Q9NQ29
Cytogenetics:	16p13.3
MW:	43.7 kDa
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 (2) encodes the longer isoform (b).