

Product datasheet for **SC322385**

SLU7 (NM_006425) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLU7 (NM_006425) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLU7
Synonyms:	9G8; hSlu7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322385
 GTAAACATTACGAGATTGGCTTGGATTCTGTCCGATGGACTTGGGGCTAGCTGCGGCGGG
 GCTGGAGGAGGCCAGATAACCATGTCCAGCCACAGTTGTAGATGCAGTTAATGCTGCACCC
 CTATCGGGGTCCAAAGAAATGAGTTTGGAAAGAACAAAGAAGATGACCAGAGAGGACTGG
 AGAAAGAAGAAGGAGCTAGAAGAACAGCGAAAAATGGCAATGCTCCTGCAGAAGTTGAT
 GAAGAAGGAAAAAGACATCAACCCCATATTCCTCAGTATATTTCTCAGTGCCATGGTAT
 ATTGATCCTTCAAAAAGACCTACTTTAAAAACACCAGAGACCACAACCAGAAAAACAAAAG
 CAGTTTCAGCTCATCTGGAGAATGGTACAAGAGGGGTGAAAAGAGAATCCCGTAATTACT
 AAGTACCGCAAAGGAGCATGTGAAAATTGTGGGCCATGACACACAAAAAGAAAGACTGC
 TTTGAGAGACCTAGGCGAGTTGGAGCCAAATTTACAGGTAATAATAGCTCCAGATGAA
 CATGTCCAGCCTCAACTGATGTTTGACTATGATGGGAAGAGGGATCGGTGGAATGGCTAC
 AATCCAGAAGAACACATGAAAATGTTGAAGAGTATGCCAAAGTTGATTTGGCAAACGA
 ACATTGAAAGCCAGAACTCCAAGAGGAATTAGCCTCAGGAAAATTAGTGAACAGGCT
 AATTCTCCAAAACACCAGTGGGAGAAGAGGAACCAAATTCAGACGAAAAAGATCAT
 AATAGTGAAGATGAGGATGAAGATAAATATGCAGATGATATTGACATGCCTGGACAGAAT
 TTTGACTCCAAGAGACGAATTACTGTCCGAATCTCAGGATTCGAGAAGATATTGCAAAA
 TATTTGAGGAATTTAGATCCAAATTCGCCTACTATGATCCAAAACTAGAGCAATGAGA
 GAGAATCCTTATGCCAATGCAGGAAAGAATCCAGATGAAGTGAGTTATGCTGGAGATAAC
 TTTGTTAGGTACACAGGAGATACCATTTCAATGGCTCAGACACAGTTGTTTGCATGGGAA
 GCCTATGACAAGGGATCTGAAGTGCATCTACAGGCAGATCCTACAAGCTAGAGCTGTTG
 TATAAGTCCTTCAAAGTCAAAAAGAAGATTTCAAAGAACAGCAGAAAGAAAGCATCCTG
 GAAAAGTATGGTGCCCAAGAACATTTGGATGCCCTCCAGCTGAATTGCTTTTAGCCAG
 ACTGAAGACTATGTGGAGTACTCAAGACATGGGACAGTCATCAAAGGACAGGAGCGGGCT
 GTTGCCTGCTCTAAGTATGAGGAGGATGTGAAGATCCACAATCACACACATATCTGGGGA
 TCGTACTGAAAAGAAGGCCGATGGGGATACAAATGCTGTCACTCTTTTTCAAGTATTCC
 TATTGACTGGAGAAGCTGGGAAGGAGATTGTTAACTCTGAGGAGTGATTATAAATGAG
 ATAAGTGGGGAAGAATCTGTGAAAAACCTCAAACCTCATGGAGCTGCATCAAGAAAAA
 CTGAAAGAGGAAAAGAAGAAGAAAAAGAAAAAGAAAGCATCGAAAGAGCAGTTCA
 GATAGTATGATGAAGAAAAGAAGCATGAAAAATGAAAAAGGCACTGAACGCAGAGGAG
 GCCCGCTTCTTCATGTCAAGGAGACCATGCAGATTGATGAGAGGAAGCGCCTTACAAT
 AGCATGTATGAACTCGAGAACCTACTGAAGAGGAAATGGAGGCATATAGATGAAACGT
 CAGAGGCCAGATGACCCATGGCCTCTTTCCTTGACAGTAGCAACTAGTCAGAAGACCA
 TCCAAGATAGATGCAGCTGATACATTTTTCAGCTTCTTATTGATGATTGTAGATAGAA
 AAATCCTTGTTTATTCTTCTTGCTGCCTGGCTTAATAAATATTTTCAGATGCCTCACAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006425

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: [NM_006425.4](#), [NP_006416.3](#)

RefSeq Size: 3570 bp

RefSeq ORF: 1761 bp

Locus ID: 10569

UniProt ID: [O95391](#)

Cytogenetics: 5q33.3

Domains: zf-CCHC

Protein Pathways: Spliceosome

Gene Summary: Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is a splicing factor that has been found to be essential during the second catalytic step in the pre-mRNA splicing process. It associates with the spliceosome and contains a zinc knuckle motif that is found in other splicing factors and is involved in protein-nucleic acid and protein-protein interactions. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (2), as well as variants 3-5, encodes isoform b.