

## Product datasheet for **MC228384**

### Slu7 (NM\_148673) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slu7 (NM_148673) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slu7
Synonyms:	AU018913; D3Bwg0878e; D11Ert730; D11Ert730e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228384 representing NM\_148673  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCGGCGGCCGCTGTGGACCCAGTTAGTGCACACCCATGACGGGATCAAAGGAGATGAGTTTGGAGG  
 AGCCGAAAAAGATGACCCGAGAGGACTGGAGGAAGAAGAAGGAGCTAGAAGAACAGAGGAACTGGGCAA  
 TGCTCCTGCAGAAGTCGATGAAGAGGAAAAAGATATCAACCCTCATATTCCTCAGTATATTTCTTCGGTT  
 CCATGGTACATTGATCCATCAAAGAGACCCACTTTAAAGCATCAGAGACCACAGCCAGAGAAAACAGAAGC  
 AGTTCAGTTCATCTGGGAGTGGTACAAGCGAGGCGTAAAGGAGAATTCTATAACTACCAAGTACCGCAA  
 AGGTGCATGTGAGAATTGTGGAGCCATGACACACAAGAGGAAAGATTGCTTTGAGAGACCGAGCGGGTT  
 GGAGCTAAATTCACAGGAACTAACATTGCTCCAGACGAGCAGTCCAGCCCCAGCTGATGTTTGACTATG  
 ATGGGAAGAGAGACCGCTGGAATGGCTACAATCCGGAAGAGCACATGAAGATTGTCGAGGAATACGCCAA  
 GGTTGATCTGGCAAAACGGACATTGAAAGCACAGAACTGCAAGAAGAGTTAGCCTCTGGAAAATTAGTG  
 GAGCAAGCTAACTCTCCGAAACACCAGTGGGGAGAAGAGGAACCAACTCTCAGATGGAAAAGGATCATA  
 ACAGTGAGGATGAAGACGAAGACAAATATGCGGATGACATTGACATGCCTGGGCAGAATTCGACTCTAA  
 GAGACGCATTACTGTTCCGAATCTCCGGATTCTGTAAGATATTGCAAAATATTTGAGAAATTTAGATCCA  
 AATTCTGCCTATTATGATCCAAAACAGAGCGATGAGAGAGAATCCTTACGCCAATGCAGGGAAGAATC  
 CAGATGAAGTGAGCTACGCTGGAGATAACTTTGTTTCGATACACAGGAGATACCATCTCCATGGCTCAAAC  
 ACAACTGTTTGTGGGAAGCCTACGACAAGGGTCTGAAGTGATCTCCAGGCAGATCCGACAAAACATA  
 GAGCTGCTGTATAAGTCTTCAAAGTCAAAAAGAAGACTTCAAAGAGCAGCAGAAGGAAAGCATCCTGG  
 AAAAGTACGGTGGCCAAGAACACCTGGACGCCCTCCAGCTGAGCTGCTTTAGCCAGACAGAAGACTA  
 CGTGGAGTACTCCAGGCATGGCACAGTCAATAAAGGCCAGGAGCGGGCTGTCGCCTGCTCAAGTACGAG  
 GAAGACGTGAAGATCAATAACCACACGCATATCTGGGATCTTACTGGAAGAAGGCCGCTGGGGATACA  
 AATGTTGTCACTCGTTTTTAAAGTATTCTACTGTACTGGAGAAGCTGGGAAGGAGAGCGTTAACTCAGA  
 GGAGTGTATTAACTGGTGCAGTGCAGAAAGAGTCTGTGAAGAAACCTCAGGCCCTCTGGAGCTACAT  
 CAGGAGAACTAAAAGAGGAGAAGAAGAAGAAAAGAAGAAGAAACCCGAAGAGCAGTTCTGACA  
 GCGACGATGAGGAACGGAAGCAGGAGAACTGAAAAGGCACTGAATGCAGAGGAGGCTCGCCTTCTTCA  
 CGTGAAGGAGATCATGCAGATTGACGAGCGGAAGCGGCCCTACAACAGCATCTATGAAACCCGAGAGCCC  
 ACAGAAGAGGAGATGGAGCCTACAGGATGAAACGGCAGAGGCCCGATGACCCCATGGCCTTTCTCTAG  
 GACAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_148673
- Insert Size:** 1758 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_148673.3](#), [NP\\_683514.2](#)

**RefSeq Size:** 3732 bp

**RefSeq ORF:** 1758 bp

**Locus ID:** 193116

**UniProt ID:** [Q8BHJ9](#)

**Cytogenetics:** 11 B1.1

**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. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (1) is the longer transcript. Variants 1 and 2 encode the same protein.