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Product datasheet for MC219332

Slu7 (NM_198936) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slu7 (NM_198936) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slu7
Synonyms:	AU018913; D3Bwg0878e; D11Ertd730; D11Ertd730e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC219332 representing NM_198936
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGGCGGCCGCTGTGGACCCAGTTAGTGCGACACCCATGACGGGATCAAAGGAGATGAGTTTGGAGG
AGCCGAAAAAGATGACCCGAGAGGACTGGAGGAAGAAGAAGGAGCTAGAAGAACAGAGGAAACTGGGCAA
TGCTCCTGCAGAAGTCGATGAAGAGGGAAAAGATATCAACCCTCATATTCCTCAGTATATTTCTTCGGTT
CCATGGTACATTGATCCATCAAAGAGACCCACTTTAAAGCATCAGAGACCACAGCCAGAGAAACAGAAGC
AGTTCAGTTCATCTGGGGAGTGGTACAAGCGAGGCGTAAAGGAGAATTCTATAACTACCAAGTACCGCAA
AGGTGCATGTGAGAATTGTGGAGCCATGACACACAAGAGGAAAGATTGCTTTGAGAGACCGAGGCGGGTT
GGAGCTAAATTCACAGGAACTAACATTGCTCCAGACGAGCACGTCCAGCCCCAGCTGATGTTTGACTATG
ATGGGAAGAGAGACCGCTGGAATGGCTACAATCCGGAAGAGCACATGAAGATTGTCGAGGAATACGCCAA
GGTTGATCTGGCAAAACGGACATTGAAAGCACAGAAACTGCAAGAAGAGTTAGCCTCTGGAAAATTAGTG
GAGCAAGCTAACTCTCCGAAACACCAGTGGGGAGAAGAGGAACCCAACTCTCAGATGGAAAAGGATCATA
ACAGTGAGGATGAAGACGAAGACAAATATGCGGATGACATTGACATGCCTGGGCAGAATTTCGACTCTAA
GAGACGCATTACTGTTCGCAATCTCCGGATTCGTGAAGATATTGCAAAATATTTGAGAAATTTAGATCCA
AATTCTGCCTATTATGATCCAAAAACCAGAGCGATGAGAGAGAATCCTTACGCCAATGCAGGGAAGAATC
CAGATGAAGTGAGCTACGCTGGAGATAACTTTGTTCGATACACAGGAGATACCATCTCCATGGCTCAAAC
ACAACTGTTTGCTTGGGAAGCCTACGACAAGGGGTCTGAAGTGCATCTCCAGGCAGATCCGACAAAACTA
GAGCTGCTGTATAAGTCCTTCAAAGTCAAAAAAGAAGACTTCAAAGAGCAGCAGAAGGAAAGCATCCTGG
AAAAGTACGGTGGCCAAGAACACCTGGACGCCCCTCCAGCTGAGCTGCTCTTAGCCCAGACAGAAGACTA
CGTGGAGTACTCCAGGCATGGCACAGTCATTAAAGGCCAGGAGCGGGCTGTCGCCTGCTCCAAGTACGAG
GAAGACGTGAAGATCAATAACCACACGCATATCTGGGGATCTTACTGGAAAGAAGGCCGCTGGGGATACA
AATGTTGTCACTCGTTTTTTAAGTATTCCTACTGTACTGGAGAAGCTGGGAAGGAGAGCGTTAACTCAGA
GGAGTGTATTATAACTGGTGCGACTGCAGAAGAGTCTGTGAAGAAACCTCAGGCCCTCCTGGAGCTACAT
CAGGAGAAACTAAAAGAGGAGAAGAAGAAGAAAAAGAAGAAGAAGAAACACCGCAAGAGCAGTTCTGACA
GCGACGATGAGGAACGGAAGCAGGAGAAACTGAAAAAGGCACTGAATGCAGAGGAGGCTCGCCTTCTTCA
CGTGAAGGAGATCATGCAGATTGACGAGCGGAAGCGGCCCTACAACAGCATCTATGAAACCCGAGAGCCC
ACAGAAGAGGAGATGGAGGCCTACAGGATGAAACGGCAGAGGCCCGATGACCCCATGGCCTCTTTCCTAG
GACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198936

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).

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_198936.1, NP_945174.1
RefSeq Size:	3653 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 (2) contains an additional segment in its 5' UTR when compared to variant 1. Variants 1 and 2 encode the same protein.