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Product datasheet for SC333162

SLIT3 (NM_001271946) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: SLIT3 (NM_001271946) Human Untagged Clone

Tag: Tag Free

Symbol: SLIT3

Synonyms: MEGF5; SLIL2; Slit-3; SLIT1; slit2

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC333162 representing NM_001271946.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCCCCCGGGTGGGCAGGGGTCGGCGCCGCCGTGCGCGCCCGCCTGGCGCTGGCCTTGGCGCTGGCG
AGCGTCCTGAGTGGGCCTCCAGCCGTCGCCTGCCCCACCAAGTGTACCTGCTCCGCTGCCAGCGTGGAC
TGCCACGGGCTGGGCCTCCGCGCGGTTCCTCGGGGCATCCCCCGCAACGCTGAGCGCCTTGACCTGGAC
AGAAATAATATCACCAGGATCACCAAGATGGACTTCGCTGGGCTCAAGAACCTCCGAGTCTTGCATCTG
GAAGACAACCAGGTCAGCGTCATCGAGAGAGGCGCCTTCCAGGACCTGAAGCAGCTAGAGCGACTGCGC
CTGAACAAGAATAAGCTGCAAGTCCTTCCAGAATTGCTTTTCCAGAGCACGCCGAAGCTCACCAGACTA
GATTTGAGTGAAAACCAGATCCAGGGGATCCCGAGGAAGGCGTTCCGCGGCATCACCGATGTGAAGAAC
CTGCAACTGGACAACAACCACATCAGCTGCATTGAAGATGGAGCCTTCCGAGCGCTGCGCGATTTGGAG
ATCCTTACCCTCAACAACAACAACATCAGTCGCATCCTGGTCACCAGCTTCAACCACATGCCGAAGATC
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GCTTTCGATGGAGCAGCCAGCGTGCAGGAGCTGATGCTGACAGGGAACCAGCTGGAGACCGTGCACGGG
CGCGTGTTCCGTGGCCTCAGTGGCCTCAAAACCTTGATGCTGAGGAGTAACTTGATCGGCTGTGTGAGT
AATGACACCTTTGCCGGCCTGAGTTCGGTGAGACTGCTGTCCCTCTATGACAATCGGATCACCACCATC

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ACCCCTGGGGCCTTCACCACGCTTGTCTCCCTGTCCACCATAAACCTCCTGTCCAACCCCTTCAACTGC
AACTGCCACCTGGCCTGGCTCGGCAAGTGGTTGAGGAAGAGGCGGATCGTCAGTGGGAACCCTAGGTGC
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TGCCAACAAGAGAATCCGTGCCTGGGACAAGTAGTCCGAGAGGTGATCCGCCGCCAGAAAGGTTATGCA
TCATGTGCCACAGCCTCCAAGGTGCCCATCATGGAATGTCGTGGGGGCTGTGGGCCCCAGTGCTGCCAG
CCCACCCGCAGCAAGCGGCGGAAATACGTCTTCCAGTGCACGGACGGCTCCTCGTTTGTAGAAGAGGTG
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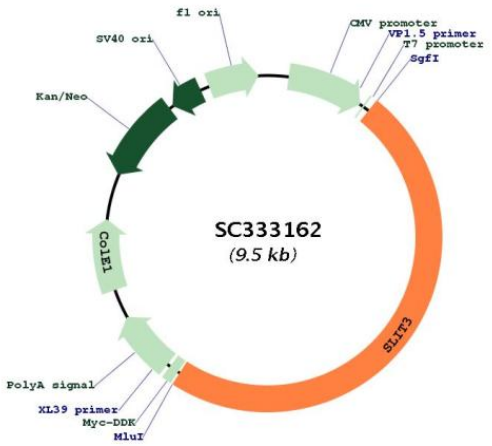
Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN:	NM_001271946
Insert Size:	4593 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_001271946.1

RefSeq Size:	9748 bp
RefSeq ORF:	4593 bp
Locus ID:	6586
UniProt ID:	O75094
Cytogenetics:	5q34-q35.1
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Axon guidance
MW:	168.5 kDa
Gene Summary:	The protein encoded by this gene is secreted, likely interacting with roundabout homolog receptors to effect cell migration. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.