

Product datasheet for MC224641

Slit3 (NM_011412) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slit3 (NM_011412) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slit3
Synonyms:	b2b2362.1Clo; Slil2; Slit1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224641 representing NM_011412 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTCGGCCGACCGGGCCGGCCCGCTGTGCGCGCCCGCTGGCGCTGGGCTTGGCGTTGCGA
GCATCCTGAGCGGACCCCTGCTGCCCGCTGCCACCAAGTGTACCTGCTCCGCCGCTAGCGTGGACTG
CCACGGGCTGGGCTGCGCGCCGTTCTCGGGGCATCCCCGCAACGCAGAGCGCCTTGACCTGGACAGA
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ACAATCAAGTCAGCATCATCGAGAGAGGCGCCTCCAGGATCTGAAGCAGCTGGAGAGATTACGTCTGAA
CAAGAACAAGCTCCAGGTCTCCAGAAGTCTTTCCAGAGCACCCGAAGCTCACCAGACTAGATCTG
AGCGAAAACAGATCCAGGGCATCCCGAGGAAGGCGTTCAGAGGCGTCACAGGCGTGAAGAACCTGCAAC
TGGACAATAACCACATCAGCTGCATTGAAGATGGAGCCTCCGAGCGCTGCGCGATTTGGAGATCCTCAC
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CGTTACTACTCCAACCACCTGTACTGTGACTGTCAATTTGGCCTGGCTCTCAGATTGGCTGCGACAACGGC
GGACCATTGGCCAGTTCAACCCTCTGCATGGCACCTGTGCACCTGAGAGGCTTCAGTGTAGCAGATGTGCA
GAAGAAAGAGTATGTGTCCAGTCCCACTCGGAGGCTCCAGCCTGCAATGCCAACTCCCTCTCCTGC
CCTTCCGCTTGCTCATGCAGTAATAACATTGTGGACTGCCGAGGAAAAGGACTGACAGAGATCCCTGCCA
ACCTGCCAGAGGGCATCGTGAAATACGCCTAGAACAAGTCCATCAAATCCATTCTGCAGGAGCCTT
CACCCAGTACAAAAAAGTGAAGCGAATAGACATCAGCAAGAATCAGATATCGGACATCGCTCCAGATGCC
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TGTTTGACGGGCTGGTGTCCCTGCAGCTGCTCCTCCTCAATGCTAACAAGATCAACTGTCTGCGGGTGAA
CACCTTCCAGGACCTACAGAACCTCAATCTGCTCTCTGTATGACAACAAGTTGCAGACTATCAGCAA
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ACGCCGGCTGGCCAACAAGCGTATCAGCCAGATCAAAAGCAAGAAGTTCCGCTGCTCAGGCTCTGAGGAT
TATCGCAACAGATTACGAGTGTGCTTTCATGGACCTAGTGTGCCCTGAAAAGTCCGCTGTGAGGGCA



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CCATTGTGGACTGCTCCAACCAGAAGCTAGCCCGCATCCAAGCCACCTCCCTGAATATACCACTGACTT
 GCGACTGAACGACAATGACATCTCTGTGCTGGAGGCCACTGGGATCTTCAAGAAGCTGCCAACCTGCGG
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 CCCTGTCACCAATAAACCTCCTGTCTAACCTTTCAACTGCAACTGCCACATGGCGTGGCTCGGCCGCTG
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 CCTTCAGAACATGTCCACCTCACCAGCTGATCCTGAGCTACAACGGCTGAGATGCATCCCTGTCCA
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 ACAACGATGACTGTGTGGCTCACAGTGTGCGCATGGAGCCAGTGTGTGGACGAGGTCAATGGCTACAC
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 GGCTGGTGTATGACAGCCTGAGTCCCCTCCAACCACGGTGTACAGTGTGGAGACGGTGAATGATGGCCA
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 AGCCTGGGGAAGCTGCAGAAGCAACCAGCAGTGGGCAGCAACAGCCCCCTACCTTGGAGGCATCCCCA
 CCTCTACGGGCTCTCAGCCTTACGCCAGGGTGCAGACAGGCCGCTGGGCGGCTTCCACGGCTGCATCCA
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 GGCTGCAAATCCTGCACTGTGTGTCGTATGGCCTGTGTGCTCCGTGGAGAAGGACAGCGTAGTGTGTG
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 CAGGCACGGGACATGCATGGCGACTGGGACTCCTACGTGTGCAAGTGTGCCGAGGGCTACGGAGGGCT
 TTGTGTGACCAGAAGAATGACTTGCCAGTGCCTGCTCAGCCTTCAAGTGCACCATGGCAGTGTACACA
 TCTCAGATCGAGGGGAGCCCTATTGCCTATGCCAGCCTGGCTTCAAGTGGCCATCACTGTGAGCAAGAGAA
 TCCATGTATGGGGAGATAGTCCGTGAAGCCATCCGCCGCCAGAAAGACTACGCCTTGTGCCAGGGCG
 TCCAAGGTGCCATCATGGAATGCCGCGGGGGCTGCGGGAGCCAGTGTGCCAGCCGATTGGAAGCAAGC
 GGCGGAAATATGTCTTCCAGTGCACGGACGGCTCCTATTCTGGAAGAGGTGGAGAGACTTGGAAATG
 TGGCTGCCGCGCTGTTCTGA

ACGGCTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_011412
 Insert Size: 4572 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:	<ol style="list-style-type: none">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_011412.3 , NP_035542.2
RefSeq Size:	5017 bp
RefSeq ORF:	4572 bp
Locus ID:	20564
UniProt ID:	Q9WVB4
Cytogenetics:	11 A4
Gene Summary:	May act as molecular guidance cue in cellular migration, and function may be mediated by interaction with roundabout homolog receptors.[UniProtKB/Swiss-Prot Function]