

Product datasheet for RN217651

Slit2 (NM_022632) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slit2 (NM_022632) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slit2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217651 representing NM_022632 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAGTGGCATTGGCTGGCAGACACTGTCCCTATCTCTGGCGTTAGTGTTGTCGATCTTGAACCAGGTGG
CGCCTCAGGCGTGCCCGCCAGTGTCTCTGTTCCAGGCAGCACAGTGGACTGTCATGGGCTGGCACTGCG
CAGTGTGCCAGGAATATCCCCGCAACACGGAGAGACTGGATTTGAATGGAAATACATCACAAGGATC
ACGAAGACAGATTTTGGCGGTCTCAGACACCTCAGAGTTCTTCAGCTCATGGAGAACAAGATCAGACCA
TCGAGAGGGGAGCATTCCAGGATCTTAAGGAGCTAGAAAGACTGCGTTTAAACAGAAATAACCTTCACTT
GTTTCTGAGCTGCTGTTTCTGGGACTGCGAAGCTCTACCGGCTTGATCTCAGTAAAAATCAGATTCAA
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GCTGCATTGAAGATGGGGCATTCCGAGCTCTGCGAGATCTGGAAGTGTCACTCTGAACAATAACAATAT
TACTAGACTTTCAGTGGCAAGTTTCAACCATATGCCTAACTTAGGACATTTGACTCCACTCCAACAAC
CTATACTGCGACTGCCACCTGGCCTGGCTCTCGGACTGGCTTCGCCAAAGGCCACGGGTGGGCTTGTACA
CTCAGTGTATGGGCCATCCCACCTGAGGGGCCATAATGTAGCAGAGGTTCAAAAACGAGAGTTTGTCTG
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TCAGCTCAGAGCCATCAAACATGCAATTTGGCCAGAATCCTTTTCATTGTGACTGCCATCTCAAGT
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ACTGCTCAATCAAAAACCAAAAAATCCAGACCATATCCCCAGTACACAGCAGAGCTGCGTCTCAA
TAATAATGAATTCACAGTGTAGAAAGCCACGGGAATTTAAGAACTTCTCAATTGCGTAAAAATCAAC



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CTTAGCAACAATAAGATCACTGATATCGAGGAGGGGCATTCTGAAGGTGCGTCTGGTGTGAATGAGATTC
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 CTGTCCGAAGGCTACAGTGGCTTGTCTGTGAGTTTTCTCCACCATGGTCTCCCTCGCACCAGCCCC
 TGTGATAATTTTATTGTCAGAATGGAGCCAGTGTATCATCAGGGTGAATGAACCAATATGCCAGTGT
 TGCTTGGCTACTTGGGAGAGAAGTGTGAGAAATGGTCAAGTGTGAATTTTGTAAACAAAGAGTCTATCT
 TCAGATTCCTCAGCCAAGGTTGACCTCAGACAAACATCACACTTCAGATTGCCACAGATGAAGACAGC
 GGCATCCTCTGTACAAGGGTGACAAGGACCACATTGCTGTGGAACCTATCGAGGGCGAGTTCGAGCCA
 GCTATGACACCGGCTCTACCCGGCTTCTGCCATTTACAGTGTGGAGACAATCAATGATGGAAACTTCCA
 CATTGTAGAGCTACTGACCTGGATTGAGTCTTCCCTCTCTGTGGATGGAGGAAGCCCTAAAATCATC
 ACCAATTTGTCAAACAATCTACTCTGAATTTGACTCTCCACTTACGTAGGAGGTATGCCTGGGAAAA
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 GTGAGGAAGGGTGGATGGGGCCCTCTGTGACCAGAGAACCAATGATCCCTGTCTCGAAACAAATGTGT
 ACATGGGACCTGCTTGGCCATCAACGCCTTCTCTACAGTGTCAAGTGCCTGGAGGGCCACGGCGGGGTC
 CTCTGTGATGAAGAAGAAGATCTGTTTAAACCCCTGCCAGGTGATCAAGTGAAGCACGGGAAGTGCAGGC
 TCTCTGGGCTCGGGCAGCCCTATTGTGAATGCAGCAGTGGATTACCCGGGACAGCTGTGACAGAGAAAT
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 AAGAAAGTATCTCGCTTGGAGTGCAGAGGCGGGTGTGCTGGGGGGCAGTGTGTGGACCTCTGAGAAGCA
 AGAGGCGGAAATACTCTTTCGAATGCACAGATGGATCTTCAATTTGTGGACGAGGTGAGAAAGGTGGTGA
 GTGCGGCTGCACGAGATGTGCCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_022632
 Insert Size: 4578 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:	<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_022632.2 , NP_072154.2
RefSeq Size:	7135 bp
RefSeq ORF:	4578 bp
Locus ID:	360272
Cytogenetics:	14q11
Gene Summary:	acts as a ligand for glypican-1, a heparan sulfate proteoglycan; may play a role in neurogenesis and midline development [RGD, Feb 2006]