

Product datasheet for **SC201506**

SLIT2 (NM_004787) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLIT2 (NM_004787) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLIT2
Synonyms:	SLIL3; Slit-2
ACCN:	NM_004787
Insert Size:	1582 bp



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Insert Sequence: >SC201506 3'UTR clone of NM_004787
 The sequence shown below is from the reference sequence of NM_004787. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGTGC GGCTGTACGAGGTGTGTGCCAAACACACTCCCGCAGCTCTGTCTTTGGAAAAGTTGTAT
ACTTCTTGACCGTGTGGGACTAATGAATGCTTCATAGTGAAATATTTGAAATATATTGTAATAACAG
AACAGACTTATTTTTATTATGAGAATAAAGACTTTTTTCTGCATTTGGAAAAAAAAAAAAAGAAATGC
TTGAACTAAAGCTTCCCCTATGCTGGAGAAGTATGAAGAAAGATATACCTGGAGACATTAGAACAGCGA
TGGGAACCATTGCAACTCGGGTCCATCTTTGTAACATGCTGAAGACAAGCAGAAGCACATGCACGAGGG
ACAGAGGAGCTACTGTGCACTGCTGTGAAATTGCCAGAGCATAAAACCTGTGTACCCTCCTTCACATC
AACCAAGTTCAGTACGACATAACCAAGCACATGCGTGTGAATGAGGATGCAAGGCAAGAGAATGGAATC
CAGAATTCACAGATAGAACAAATGGATGAGAAATATTTTCATGCAAAATATAAAGTGTCTGAGGATCTG
GGTTCCATTTACGAGAGGAAATGAAAGTCTAAAATAAATTTTATCTTCCTTTTAAATGTGAGCATGTC
AGCAGAAGCAGCACACAAAAGTCTTTACCATTTCCAGTATTAATTTTTTTGTAATATAAATGATAAAG
GAGATGATAAAGAACCAATAGATTATTGATAAATAAATTAGTAATAATATGATTTTTTTGTTTCTATGAG
TTCTAACAGCCCTATACAGTATTCAGTTTCCATGAGAAATATTTATTGTATCAAAGTACATTGTAATC
AACATTTTAGGCCATCCTTTTACTGTTCCCTTGATGCTTTAATATATATTAATTTATAATTATCCTGATA
TTTTTGACATTTTTCAAACAAAAATCAGGATTTTTTTTTTTTTTTTTTTGGCAATAGTACTAACAT
AGGTTTTATCTTGGGATACATATGTATTGGTCTGTTTGTGACCTTGACATCTGATCACTGATGTCAA
TGACCTACTGGCCTCATTGAGGACACCTGCAGAGAGTATGCAAAGTCCGAGAGAGGAAAAACAGAAATCT
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TGTGTAGCAATCAACTAGAAAGTAGACCTTTTGCAAATTAATATGTCCTTGACCTTTTTTGCCTTTT
TGTGGGGGTGAGGTGGGGATAAAAAGACTGTCATATCAAGAACTGTGACTTTTCTTCCCTCAAACAAT
AAAACCTCTTTATTATCTTAATGCTCCCATGTTAACATGTTTGCTGCTAAATTACAATGTAGAATTGAT
AATGGTTTATAGTGAAGTGTCTCTTCCCTCATTAAAATCCCAGGGTGCCTGTAAGATGCAGATGTT
TCTTCCGAAAACCTCTTTTTTACAAAGAAAATTAGATGTACATGTATAATTAGTGTGCTTTGTCTT
TCTCCAGATTAATATCGGTTACTGCTGATGTTTGTAAATTAACAGATATTTACTTCATTAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_004787.4](#)

Summary:

This gene encodes a member of the slit family of secreted glycoproteins, which are ligands for the Robo family of immunoglobulin receptors. Slit proteins play highly conserved roles in axon guidance and neuronal migration and may also have functions during other cell migration processes including leukocyte migration. Members of the slit family are characterized by an N-terminal signal peptide, four leucine-rich repeats, nine epidermal growth factor repeats, and a C-terminal cysteine knot. Proteolytic processing of this protein gives rise to an N-terminal fragment that contains the four leucine-rich repeats and five epidermal growth factor repeats and a C-terminal fragment that contains four epidermal growth factor repeats and the cysteine knot. Both full length and cleaved proteins are secreted extracellularly and can function in axon repulsion as well as other specific processes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

Locus ID:

9353

MW:

61.7