

Product datasheet for **SC220741**

Plexin A1 (PLXNA1) (NM_032242) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Plexin A1 (PLXNA1) (NM_032242) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PLXNA1
Synonyms:	NOV; NOVP; PLEXIN-A1; PLXN1
ACCN:	NM_032242
Insert Size:	2000 bp



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Insert Sequence:

>SC220741 3'UTR clone of NM_032242

The sequence shown below is from the reference sequence of NM_032242. 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
GTGGTGGACACGATGGCCCTGAGCAGCTGAGCCCCAGCTGTGATCATCCAGCATGATGCAGCGTGAGGA
CAGCTGAGCAGGGACCGGACAGCCCTACCGCATGCGTGTGGAGTGTCCGGTGGTGCTCGGGCCCGCCG
CAGTGCAGCGACTGCCCGGCCCTCCCTCCCTGCCTACCCGGTCGGGTCCCGGCTCTTCTGTGTGGA
GGTGTGATGGTACCTGCCACACCACAGCTGCGCACACAGCTGCTTGTCTCAGGGGCGGGACAGCACTGGGT
GCTCAGGCTGGCCAAGGACCTTCATTGCCTGGCAAGAGCTGCCAGTGGCCTTCATGGGAGAAGGGCTG
ACCTCTGAGGGGTGAGGGGTGAGGCCAGGGCCCTCCAGGGGAGGGGTAGCCAGCTTGGGCTGTCCCC
TTGAGACCAGGACAAGAGGCTGGGGGTGTGAGCATTCCAGCTTTCCAAGCTGCCCCAGCGGCAGAG
TCTGAGGGTCCCGGGCCCGGTTGGCAGCTGGAGAAAGAGGCAAAAAGCCGTAGCCGGGAAGAGGAG
CTCAAGTCGGTCTGGGCCCGTTGCCACCGACTCCACCTCCAGCACCCATGCCCGCTGCACCGCTGCCA
TCCTCAGATTCACCGCGTCTCTGCGCGGCCGAGGCCGGAGCACCATCCACCTCGCCCCAGAGAGGC
TCTGCTCCCTCTATGGAGGGGTGTGGGCCAGGCTGCTCAGACTCCTGGGTGGCTTCCAGACGGACCG
GGCAGCCCTCTCCGTCCTCAGGGCTGTGCCTCTGGGAGCCACTGGGCCAGGGGCCCCGGGTGCGCAGAG
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CCCTGCCCCAGCGGCTTCCAGTGTGGCATCTCAGCAGTGTCTGGCCCTCCAGAGCAGTGGGACATCT
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GAGGCCAGCGGTGTCCACCTTGCCTCAGCAAGAGAGAATGCATTCTTAAAAGAAAGCTGTACATGTA
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GTGGAGAAAGTGGCCGGAGCCTCCCTGGAGTGGAGCAGCCCTGAAGCCTGTGCCCCCGACTGCGGGC
CGCTGTTTTGGTTTGACATGACAAGGAAAGGACTTCTGCTGACCCTGAGAGCCTCTGGGGTGCCGCGG
CACCACGGGGCATGCATGATTGTGCTAGCGTTTAGTCTGAGTTGATCTTTTTAAACTGCAAGTGTGA
ATACTAGAGGTTGTTAGACCCTTTTTATGTTTTTAATTAATCAGTCACTTGAAAAGCAAACAAGCG
GTCCATCCCTTTTCAAGGTCACTTTTTGTGATGTACCGAAGATCCCATGGACATTAAGGGACAGCTAA
CTGTGGCCAGACTCAGCCCCATGTCCTTGGCCAGGCCAAGGAGAGGACTCGGCCCATGGGGTGTGCC
AGTCTTGACAGTCCGCCAGCTGAGTAGCGTGAGCCAGATGACGCCACAGAGACCCGCTCTTCCCTGA
ACGCGGGTCCGGTGTGGAGTCACTGACTGCTGACTCAGGGAGCTCCTTGGCCCCGTGGGCACTGTGCCAG
GGCTGGGGCTTCTGCTGCTGCCACACCAGCTCAGGCCCTGGGCCAGCCCTGCCCCAGCCCACTGA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-Mlul

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_032242.4](#)

Summary: Coreceptor for SEMA3A, SEMA3C, SEMA3F and SEMA6D. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID: 5361

MW: 69.9