

Product datasheet for **SC208460**

Plexin B1 (PLXNB1) (NM_001130082) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Plexin B1 (PLXNB1) (NM_001130082) Human 3' UTR Clone
Symbol:	Plexin B1
Synonyms:	PLEXIN-B1; PLXN5; SEP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130082
Insert Size:	662 bp
Insert Sequence:	>SC208460 3'UTR clone of NM_001130082 The sequence shown below is from the reference sequence of NM_001130082. 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
GCTGTGGAAAACAAGGTCACAGATCTATAGGAACCCAGGAGCCACGGCCTGCTGTTGCTTCAGCCTGGC
CTGGGCAGCCCTGGAAGCTCGGAGGAGAGGCCACCTTCTTAGGTGCCTGTAGTGACTGACAAGCAGAGT
TAGTGGAAGGTGACTCCCAGTCTCCTGGTGGCTCTGGCCTCGGCCCTGCTGGATCCACCTCTAGACCC
GGGGCCTCAAGGCTCATGGGGTAGTACCCAGCCTGCTCCCGAGTCCAGCGACCCTGTGACACCGGTCT
GCAGGGAGTTGGGACTAAGGGCTTCCAGAGAGTGGCTGGAAGAGACTCCAGGCCCTGGGAGACTGT
ACTGTTCTGAACACTGGCCTTGCCCACTGGGATTCGGAGAGGAAGGAGGAGACCCCATGCTTCCT
GTCTGCCTCCTCCACCATCCCTGACCTCAGTTGAGCTGCCTCTGGCCTTGTGCTGCTGCCACATCCTA
GGTCTAAGAGTTGAACGCCTCTCCTAGGCCACTACAACTGACCCTCAGCAGGGCTGGCTGCCACAGG
GCTGCCCTGCCTCATAGGTAGCCATGGTGAAGGCTATCTGCTGCAGGGGGGTCTTGGGAGAGTGGTGA
CTCCATTGACCCAGCTTTTCATTAAGGATAACACACTGCA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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).



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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_001130082.3
Summary:	Receptor for SEMA4D (PubMed:19843518, PubMed:20877282, PubMed:21912513). Plays a role in GABAergic synapse development (By similarity). Mediates SEMA4A- and SEMA4D-dependent inhibitory synapse development (By similarity). Plays a role in RHOA activation and subsequent changes of the actin cytoskeleton (PubMed:12196628, PubMed:15210733). Plays a role in axon guidance, invasive growth and cell migration (PubMed:12198496). [UniProtKB/Swiss-Prot Function]
Locus ID:	5364
MW:	24.1