

Product datasheet for **SC216079**

Plexin A4 (PLXNA4) (NM_001105543) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Plexin A4 (PLXNA4) (NM_001105543) Human 3' UTR Clone
Symbol:	Plexin A4
Synonyms:	FAYV2820; PLEXA4; PLXNA4A; PLXNA4B; PRO34003
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001105543
Insert Size:	1739 bp



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Insert Sequence:

>SC216079 3' UTR clone of NM_001105543

The sequence shown below is from the reference sequence of NM_001105543. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

ACAGTGACTCTGGAACCTCTGTTCTCCAGCTGTTTCATCAA**ACTG**AAAAACTTCAGAGCTGTGTAGGCT
TATTTAGTGTGTGTGCAGCCTTGGATATTGGAAAATGGAAACAGATGAGACACATCTACCTCCCTGTGAC
CCCAGCCATACATCATAGCTCATGTCTGCCACCCCAAGTCTTAGGGAAAAAGACTTTGGAGAATGTG
TCTCTGCTTAGCTTGGCTAGGTAGTTGGTCTCTTTTCTCTGCCCAAGCGTCCCATGGTAATTTTGGAC
AATGGAGTGTAGGCATGTTTACTCTTGTGGTGTATCACTTGTATATGTCAGTGAACTAACTGATTCT
CCCATCGGAATATAGTTATCTCTTGGGCTGATATATGGTAGGATAACCTTATGCTCATCTGTCCACTTC
TGCAGCCAAGTCGCTGGCCAGTATG
CTTATCTGTGTTAAAGGTGTGTGTGCATACACAGGGCAGAGAGGATGGAGCCACCGTACTGCAGCATC
ATGTAATTA**ACTCAGT**GCTCAGAACCATCCCAGCCTCTGCGGGAAGAGAAAAGGAAGCCAACAGTGCCT
GATGAGCTGATCATATGTGCAAAAGCTCTGTTGGCATCTGGTCCAGGAGACACCCAAAAAAGTTAATT
GGTGTGTCCAGTCTCCTTTCTTAAGACTATGGTTACAACAAAGCGTGAGCAGTGTCTCCTGCATGGCC
ACTATCCAGCACAAATCCATAATTCCCCATAGAGCCGGTGGGGAGGAGGAGGTGAGTGGCGAAGGAAGT
GGAAACTTGGTGTATGTGCTCCTATCATTCTACTAGCTTACTGGGAAATAAAGTGTAGTCAAGAGT
GTATGAAGGCAAGATGTA**AAAT**TAGCGACTGGTGTCTAACTGGTACTTGA**AAACA**AGTAAAGTGTCTGT
AGATTTGTTCTGTTGCTAAGAACCACCACACTAAACCTCGTATAGTTCCCTGGAGGATACACAACAGTGA
ATTCTCTTTAGGGTGTGCCACAGGTTCCCTGGCCTGTGGGAGGGAATGAATCAGGAGGGCTCTTGAGAACC
TTCATCTGTGTGCTTGC**ACTG**AAAGTGAGTCCCAAGCTGGAGATTTAGTGAGAGCAGGCAACCCCTCTG
TGTCTCACTGTCCATATTCTGGAGGCAGAGTTTGTAAACAGGCCATGTGCACCTGCATAGGGATGGGTAA
AGCAAGGACTTTGAAAGAGTTGAAAAGCATTATAAACAGTTGTT**CAGAA**ATACGTCCCAGGAGTCCATG
TGAAACTGGCTCTGTGTGCATTGAAGCATGGCTGTTGGGAATTCTAACTGGTCCAACACTCTGCAAAAC
AATGTGTA**AAAT**TTTAGGAAGAACTTGA**AAAT**AGTCAAATCCTTTGAACTGGTGA**CAAT**TTTTTAAAGA
ATCAATCTAATTTGTTTCAAGGGTAATAATCACCAAGATACACATTT**CAGC**ATTTATTTAGTCTATCAA
AAATTGGAATTGATATATACACTCATTATAGGAGAATGGTTAGGTAGATTTGGTATATTTATGTAGTCA
TTGAA**AACT**TAGTTTATAAAGGCAATCTTGA**AACT**GATTCTTGTGTGATAACATTCAGTGAA**AAAG**CAT
GAGACAATTAGAAAGCATGATACAATGAATA**AAATA**AAAA**ACTG**GAAAGAGAACCATCAA

ACGCGTAAGCGGCCGCGGCATCTAGATT**CGA**AGAAAATGACCG

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_001105543.1](#)

Summary: Coreceptor for SEMA3A. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance in the developing nervous system. 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: 91584