

Product datasheet for **SC214101**

Semaphorin 7a (SEMA7A) (NM_001146029) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Semaphorin 7a (SEMA7A) (NM_001146029) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SEMA7A
Synonyms: CD108; CDw108; H-SEMA-K1; H-Sema-L; JMH; SEMAK1; SEMAL
ACCN: NM_001146029
Insert Size: 1365 bp
Insert Sequence: >SC214101 3'UTR clone of NM_001146029
The sequence shown below is from the reference sequence of NM_001146029. 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
ACACTCACTCTTGGCTTGGCTGGTCCACTAGGGCCTCCCGAGGCTGGGCATGCCTCAGGCTTCTGCAGCC
CAGGGCACTAGAACGCTCACACTCAGAGCCGGCTGGCCCGGGAGCTCCTTGCCTGCCACTTCTTCCAG
GGGACAGAATAACCCAGTGGAGGATGCCAGGCCTGGAGACGTCCAGCCGACAGGCGCTGCTGGGCCCA
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CACCTTCGCTCAGGACATGTTATAACTTAGGCTAACTGTGAAAATCCGGTGGGGATGGCCTGGGCCG
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CGGCTGTGTCTGGCCACCCAGGGCAGTGGCTGGGGCCAGTGGCCTTCCAGCTTTGGCCCTGCACCTCT
TCTCAATGCACCTTAATAATGTAACATATTAATAAACAAGCTATTTATTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_001146029.3
Summary:	This gene encodes a member of the semaphorin family of proteins. The encoded preproprotein is proteolytically processed to generate the mature glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein. The encoded protein is found on activated lymphocytes and erythrocytes and may be involved in immunomodulatory and neuronal processes. The encoded protein carries the John Milton Hagen (JMh) blood group antigens. Mutations in this gene may be associated with reduced bone mineral density (BMD). Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]
Locus ID:	8482
MW:	49