

## Product datasheet for **SC214100**

### Semaphorin 7a (SEMA7A) (NM\_001146030) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Semaphorin 7a (SEMA7A) (NM\_001146030) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SEMA7A  
**Synonyms:** CD108; CDw108; H-SEMA-K1; H-Sema-L; JMH; SEMAK1; SEMAL  
**ACCN:** NM\_001146030  
**Insert Size:** 1365 bp  
**Insert Sequence:** >SC214100 3'UTR clone of NM\_001146030  
The sequence shown below is from the reference sequence of NM\_001146030. 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
ACACTCACTCTTGGCTTGGCTGGTCCACTAGGGCCTCCCCAGGCTGGGCATGCCTCAGGCTTCTGCAGCC
CAGGGCACTAGAACGCTCACACTCAGAGCCGGCTGGCCCGGGAGCTCCTTGCCTGCCACTTCTTCCAG
GGGACAGAATAACCCAGTGGAGGATGCCAGGCCTGGAGACGTCCAGCCGAGGCGGCTGCTGGGCCCA
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CGGCTGTGTCTGGCCACCCAGGGCAGTGGCTGGGGCCAGTGGCCTTCCAGCTTTGGCCCTGCACCTCT
TCTCAATGCACCTTAATAATGTAACATATTAATAAACAAGCTATTTATTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001146030.3</a></u>
<b>Summary:</b>	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]
<b>Locus ID:</b>	8482
<b>MW:</b>	49