

Product datasheet for RN206942

Semg1 (NM_012710) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Semg1 (NM_012710) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Semg1
Synonyms:	RATSVPIIA; Svp1; SVPIIA; Svs2; SVS2P; Svs2p2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206942 representing NM_012710 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTCCTCTATCTTCATTCTATCTCTGTTCTCTTCTGAAAGACAGGCAGCTGTGGTTGGACAGT
ATGGTGGGACAAAAGGTCACTTCCAGAGCAGCTCATCAGGGTTTATGCTTGGTCAGAAAGGCCACCTCAA
TTTCGGGCTCAAAGGAGGAAGTGAGGAAGCAGCTGAAGAAAGCATTTTCATGCAATCACAAACACCAGATG
TTCGGCCAGGATGGTGGTACATGGCGCAGACAAGTGTTCACAAGAGCATAACAGGTGTAAGGGGGCCG
CGATTTGTCGTAAGGACAAGTATCCCAATTGAAATCCCAAGAATCCCAATAAAATCCTTTAGACAAGT
AAAATCCAGTGGACAGCTGAAATCTGGAGGATCCCAATTAATAATCCTTTGGACAAGTAAAATCCAGTGAG
TCCCAATTAATAATCCTTTGGCCAAGTAAAAGCCAGTGGGTCCCAATTAATAATCCTTCGGACAAGTAAAAG
CCAGTGGGTCCCAATTAATAATCCTATGGACAAATGAAATCCAGTGGGTCCCAAGTAAAATCCTTTGGACA
AATGAAATCCAGTGGGTCCCAAGTAAAATCCTTTGGACAAATGAAAGCCAGTGGTCCCAATAAAATCC
TTTGGACAAAGAAAATCCCAAGTGGTCAACTACAATCCTATGGCCAAATGAAATCCTATGGGCAGACGA
AATCCCTAGAATCCCAGGCCAAATCCTTCGACAAGTAAAGTCCCAAGTGGCCAAATGAAATCCTCCTA
TGGTCAGAGAAAATCCTATGGTGAAGAGACTCAACTGAAGTCTTCGACCAAGATGCCAACTAAAATCC
TATGGTCAACAAAATCCCAAAAACAATCCTCCTTTAGCCAAGTAAAATCTCAAAGTCCCAACTAAAGT
CCTTTGGCCAACAAAATCCCTCAAAGGGTTTTCTCAACAACTCAACAGAAAGGATTTGCCATGGATGA
AGATTTGTCACAAGTGGCAGAAACAATTTGACGATGATGACCTCTCTGTACAACAGAAAGTCTACCCAAACAG
ATGAAAACAGAGGAAGACTTATCCCAATTTGGACAACAACGACAATTTGGACAAGAACGCTCCCAATCCT
ATAAAGGATATCTTGACAATACAGAAAGAAATTACAGGAACAACAACAGAAAAATTTAATCAGGA
TAACTTTTTTACAAGGGAGGGGCGAGCCATATCAGGCTCAACTAAGGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012710
Insert Size:	1245 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_012710.2, NP_036842.2</u>
RefSeq Size:	1545 bp
RefSeq ORF:	1245 bp
Locus ID:	25013
Cytogenetics:	3q42
Gene Summary:	comprised of a 13-residue repeat which is involved in the formation of the rat copulatory plug [RGD, Mar 2009]