

Product datasheet for **SC114861**

SCRN1 (NM_014766) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCRN1 (NM_014766) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCRN1
Synonyms:	SES1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014766, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCAGCTCCTCCAAGTTACTGTTTTGTTGCCTTCCTCCACGTGCTAAGGATGGTCTGGTGGTAT
TTGGGAAAAATTCAGCCCGGCCAGAGATGAAGTGCAAGAGGTTGTGATTTCTCGGCTGCTGATCACGA
ACCGGAGAGCAAGGTTGAGTGCACCTTACATTTCAATCGACCAAGTTCCAAGGACCTATGCCATAATGATA
AGCAGACCCGCCTGGCTCTGGGGAGCAGAAATGGGAGCCAATGAACATGGAGTGTGCATAGCCAATGAAG
CCATCAACACCAGAGAGCCAGCTGCCGAGATAGAAGCCTTGCTGGGGATGGATCTGGTCAGGCTTGGTTT
AGAAAGAGGGGAAACAGCTAAAGAAGCCTTAGATGTCATTGTCTCCTTGTGGAAGAACATGGACAAGGT
GGGAATTACTTTGAAGATGCAAACCTCTGCCACAGCTTCAAAGTGCATATCTGATTGTGGATCGTGATG
AAGCCTGGGTGCTCGAGACCATAGGGAAGTACTGGGCTGCCGAGAAAGTACAGAGGGAGTGAGGTGCAT
TTGCAGTCAGCTTTCGCTCACCCTAAGATGGATGCAGAGCATCCGGAAGTCCAGGAGTTACGCTCAGAGC
CAAGGTTGGTGGACGGGAGAGGGCGAGTTCAATTTTTCCGAAGTCTTTTCTCCAGTTGAGGATCATCTAG
ACTGCGGTGCTGGCAAAGACAGCTTAGAAAAACAAGAAGAAAGCATCACAGTGCAGACTATGATGAACAC
CTTACGGGACAAAGCCAGCGGAGTGTGCATAGACTCTGAGTTTTTCTCACCACAGCCAGTGGAGTGTCT
GTCCTGCCGCAGAATAGAAGCTCTCCGTGCATTCACTACTTCACTGGAACCCCTGATCCTTCCAGGTCCA
TATTCAGCCTTTTCATCTTTGTTGATGACGTAACAACTTGTCCCCAAAACACAGTCTCCCTGTTTTGGGA
TGACGACCTGCCAAAAGGAGCCTCGGTTCCAGGAGAAACAGACCCCGGCATGAGCTGTACAAAGCC
CACGAGTGGGCACGTGCCATCATCGAAAGTGACCAGGAGCAAGGTCGCAAGCTGAGGAGCACCATGCTGG
AGCTGGAGAAGCAAGGCCTGGAAGCCATGGAAGAAATCCTGACCAGCTCCGAGCCACTGGACCCTGCGGA
AGTGGGGACCTTTTCTATGACTGTGTTGACACGGAGATTAAGTCTTTAAGTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014766 unedited
 NGTTTCGNATTTGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGNAGCGCCGGG
 AGTCTGGGTAGGGGAAGCGCCCGGCCGCCTCCGCCACTGCAGCTGCAGCCCCGAG
 GTCGCCGAGTAATCCGGACCCGGCAGCACCCGCACCCTCGGCCGCCGAGCCTCAGCAC
 CGCAGAGCGGAGAGCGGAGCCCGGAGCCCGCCGCCAGGATGGCTGCAGCTCCTCCAAG
 TTAAGTGTGTTGCCTCCCTCCACGTGCTAAGGATGGTCTGGTGGTATTTGGGAAAAA
 TTCAGCCCGCCAGAGATGAAGTGAAGAGGTTGTGATTTCTCGGCTGCTGATCACGA
 ACCGGAGAGCAAGTTGAGTGCATTTACATTTCAATCGACCAAGTTCCAAGGACCTATGC
 CATAATGATAAGCAGACCCGCTGGCTCTGGGGAGCAGAAATGGGAGCCAATGAACATGG
 AGTGTGCATAGCCAATGAAGCCATCAACACCAGAGAGCCAGCTGCCGAGATAGAAGCCTT
 GCTGGGGATGGATCTGGTCAGGCTTGGTTAGAAAAGAGGGGAAACAGCTAAAGAAGCCTT
 AGATGTCATTGTCTCCTTGGTGAAGAACATGGACAAGGTGGGAATTACTTTGAAGATGC
 AAACCTGCCACAGCTCCAAAGTGCATATCTGATTGTGGATCGTGATGAAGCCTGGGT
 GCTCGAGACCATAGGAAGTACTGGGCTGCCGAGAAAGTACAGAGGGAGTGAGGTGCAN
 TTGCAGTCAGCTTTCGCTCACCCTAAGATGGATGCAGAGCATCCGGAAGCTCAGAGTTA
 CGCTCAAAGCCAAGCTTGGTGGACGGNAAAGGGCGAGNTCAATTTTTCCGGAGNCTTTCT
 CCAGTTGAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014766 unedited
 ACCGCGGCCGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTAAATCCAGTTTTTTTTTATTGGATGCTTGATGCATTTAAAAA
 CAATCCAAGGGCAACCCTGGATAGGGATATTATCTGCTTTGAAAATATTTGGACAAAA
 AACTGTTAAAACATACATGCCAGTTCCTACTGGAGGAAACAAAAGGATTTTCTTTTTTTT
 TTATTATAATCCCTGCCAAAAGCATTTCCATTTAACACATTTAAATTTTACACAGCATA
 ATTGCAAATTTGCCATATTGGTTCCCAAAAAAATCTGCAGGGGACATTTCCGGATGTT
 TGGAGTCAATCAAATAAAGCCCTTTTTGACAAAACCTTAAAAGGGGAGCTGGGACCTGG
 GACTGTGCAAAATGAAAACCCACGGCTACGGGAACCATAACCTTGTGCTGCAACGGGATG
 TGCACATGACCTGGTGTCTCCTGGCCCTTACAAAGCATGCCCAACAAGGGAACTCCTCC
 GTCCCTCCTCCACGTGCTTCTTACTAAGGGTGAAGCTCAACTGAAAACCTTCCCAAT
 AAATGACAAATGGCTCTTCAGTCAGGAATGCAGTTAGGGGTTTCATGACAGACACTGG
 TCCACCTGGCTTCCCTGCTGAACCACCCAGTACTGAATAACACCTGTACCAATGTGGGA
 TGACATCAGCCTAGAAGCAAAGGAATTCGCTGGTTGAGGATTATTTTTATACCTAAGG
 ATCACCCCATATTAAGAAACCCACAGCTAAGATCTAACAGGCATTTACCTGCTCTGTT
 AGTTTATAAGAAAGATCGGTCTAATAAACACAGGTCTTTATTATTGAGCACTAAGAACTC
 CCATATTTGATATATTCTACCTAAAAATNCAAGGCCCTCCAGATTGGAGAGTCCCTATTT
 C

Restriction Sites:

NotI-NotI

ACCN:

NM_014766

Insert Size:

4000 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:

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: [NM_014766.2](#), [NP_055581.2](#)

RefSeq Size: 5228 bp

RefSeq ORF: 1245 bp

Locus ID: 9805

UniProt ID: [Q12765](#)

Cytogenetics: 7p14.3

Gene Summary: This gene likely encodes a member of the secernin family of proteins. A similar protein in rat functions in regulation of exocytosis in mast cells. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2009]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein (isoform a).