

Product datasheet for SC326464

SCRN1 (NM_001145515) Human Untagged Clone

Product data:

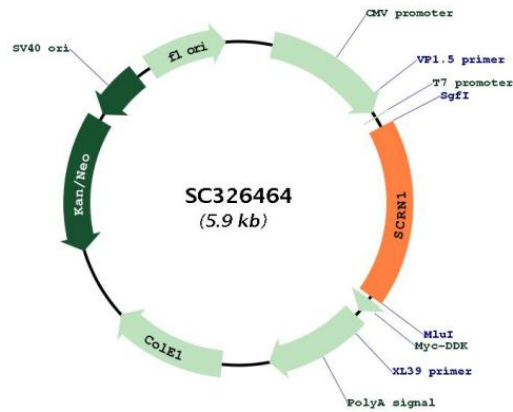
Product Type:	Expression Plasmids
Product Name:	SCRN1 (NM_001145515) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCRN1
Synonyms:	SES1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326464 representing NM_001145515. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATAAGCAGACCCGCCTGGCTCTGGGGAGCAGAAATGGGAGCCAATGAACATGGAGTGTGCATAGCC
AATGAAGCCATCAACACCAGAGAGCCAGCTGCCGAGATAGAAGCCTTGCTGGGGATGGATCTGGTCAGG
CTTGGTTTAGAAAAGGGGAAACAGCTAAAGAAGCCTTAGATGTCATTGTCTCCTTGTGGGAAGAACAT
GGACAAGTGGGAATTACTTTGAAGATGCAAACCTGCCACAGCTTCAAAGTGCATATCTGATTGTG
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GAGGATCATCTAGACTGCGGTGCTGGCAAAGACAGCTTAGAAAAACAAGAAGAAAGCATCACAGTGCAG
ACTATGATGAACACCTTACGGGACAAAGCCAGCGGAGTGTGCATAGACTCTGAGTTTTCTCACCACA
GCCAGTGGAGTGTCTGTCTGCCGAGAAATAGAAGCTCTCCGTGCATTCCTACTTCACTGGAACCCCT
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TCTCCCTGTTTTGGGGATGACGACCTGCCAAAAGGAGCCTCGGTTCCAGGAGAAACCAGACCCCGG
CATGAGCTGTACAAAGCCACGAGTGGGACGTGCCATCATCGAAAGTGACCAGGAGCAAGTCCGAAG
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GAGCCACTGGACCCTGCCGAAGTGGGGACCTTTCTATGACTGTGTTGACACGGAGATTAAGTCTTT
AAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001145515

Insert Size: 1041 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001145515.1](#)

RefSeq Size: 5118 bp

RefSeq ORF: 1041 bp

Locus ID: 9805

UniProt ID: [Q12765](#)

Cytogenetics: 7p14.3

MW: 38.9 kDa

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 (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (c) is shorter than isoform 1.