

Product datasheet for **RG227072**

SCRN1 (NM_001145513) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCRN1 (NM_001145513) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SCRN1
Synonyms:	SES1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG227072 representing NM_001145513 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCAGCTCCTCCAAGTTACTGTTTTGTTGCCTTCCCTCCACGTGCTAAGGATGGTCTGGTGGTAT
TTGGGAAAAATTCAGCCCGGCCAGAGATGAAGTGCAAGAGGTTGTGATTTCTCGGCTGCTGATCACGA
ACCGGAGAGCAAGGTTGAGTGCACCTTACATTTCAATCGACCAAGTTCCAAGGACCTATGCCATAATGATA
AGCAGACCCGCCTGGCTCTGGGAGCAGAAATGGGAGCCAATGAACATGGAGTGTGCATAGCCAATGAAG
CCATCAACACCAGAGAGCCAGCTGCCGAGATAGAAGCCTTGCTGGGGATGGATCTGGTCAGGCTTGGTTT
AGAAAGAGGGGAAACAGCTAAAGAAGCCTTAGATGTCATTGTCTCCTTGTGGAAGAACATGGACAAGGT
GGGAATTACTTTGAAGATGCAAACCTCCTGCCACAGCTTCCAAAGTGCATATCTGATTGTGGATCGTGATG
AAGCCTGGGTGCTCGAGACCATAGGGAAGTACTGGGCTGCCGAGAAAAGTACAGAGGGAGTGAAGTGCAT
TTGCAGTCAGCTTTCGCTCACCCTAAGATGGATGCAGAGCATCCGGAACCTCAGGAGTTACGCTCAGAGC
CAAGGTTGGTGGACGGGAGAGGGCGAGTTCAATTTTTCCGAAAGTCTTTCTCCAGTTGAGGATCATCTAG
ACTGCGGTGCTGGCAAAGACAGCTTAGAAAAACAAGAAGAAGCATCACAGTGCAGACTATGATGAACAC
CTTACGGGACAAAGCCAGCGGAGTGTGCATAGACTCTGAGTTTTCTCCACCACAGCCAGTGGAGTGTCT
GTCCTGCCGAGAAATAGAAGCTCCTCGTGCATTCACACTTCACTGGAACCCATGATCCTCCAGGTCCA
TATTCAGCCTTTCATCTTTGTTGATGACGTAAAACCTTGCCCCAAAACACAGTCTCCCTGTTTTGGGGA
TGACGACCCTGCCAAAAAGGAGCCTCGGTTCCAGGAGAAAACCAGACCCGCCGCATGAGCTGTACAAAGCC
CACGAGTGGGCACGTGCCATCATCGAAAGTGACCAGGAGCAAGGTCGCAAGCTGAGGAGCACCATGCTGG
AGCTGGAGAAGCAAGGCCTGGAAGCCATGGAAGAAATCCTGACCAGCTCCGAGCCACTGGACCCTGCGGA
AGTGGGGACCTTTTCTATGACTGTGTTGACACGGAGATTAAGTCTTTAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online >](#)

Protein Sequence: >RG227072 representing NM_001145513
Red=Cloning site Green=Tags(s)

MAAAPPSYCFVAFPPRAKDGLVVFVGKNSARPRDEVQEVVYFSAADHEPESKVECTYISIDQVPRTYAIMI
 SRPAWLWGAEMGANEHGVCIANEAINTREPAAEIEALLGMDLVRLGLERGETAKEALDVIIVSLLEEHGQG
 GNYFEDANSCHSFQ SAYLIVDRDEAWVLETIGKYWAAEKVTEGVRICISQLSLTTKMDAHEPELRSYAQS
 QGWWTGEGEFNFSEVFSPEVDHLDCGAGKDSLEKQEESITVQTMNTLRDKASGVCIDSEFFLTTASGVS
 VLPQNRSSPCIH YFTGTHDPSRSIFKPFIFVDDVKLVPKTQSPCFGDDPAKKEPRFQEKPDRRHELKYA
 HEWARAIIESDQEQRKLRSTMLELEKQGLEAMEEILTSSEPLDPAEVDLFDYDCVDTEIKFFK

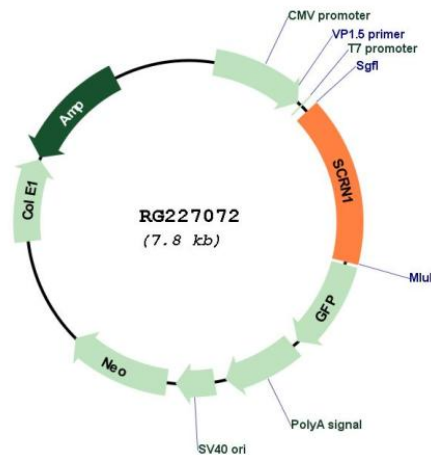
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001145513

ORF Size:	1242 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001145513.1 , NP_001138985.1
RefSeq Size:	5286 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]