

Product datasheet for RN215384

Sec14l2 (NM_053801) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec14l2 (NM_053801) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sec14l2
Synonyms:	Spf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215384 representing NM_053801 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCGGGAGAGTCGGTGACCTGAGCCCCAACAGGAGGAGGCACTGGCCAAGTTTCGAGAAAATGTCC
AGGACGTGCTGCCTGCCCTGCCAATCCAGATGACTACTTCTCCTTCGATGGCTCCGAGCCGAAGCTT
TGACCTGCAGAAGTCGGAGGCCATGCTCCGGAAGCATGTGGAATTCGGAAGCAAAGGACATTGACAAA
ATCATCAGCTGGCAGCCACCAGAGGTGATCCAACAGTATCTGTCAGGCGCCGGTGTGGGTATGACCTGG
ACGGCTGCCCTGTCTGGTATGACATCATCGGCCCACTGGATGCCAAGGGTCTGCTGTTCTCCGCCTCCAA
GCAAGACCTGCTCAGGACCAAGATGAGAGATTGTGAGCTGCTTCTGCAGGAGTGCACCCATCAGACCGCA
AAGCTAGGGAAGAAGATAGAGACCATCACCATGATTTACGACTGTGAGGGACTCGGCCTCAAGCACCTCT
GGAAACCTGCAGTGGAGGCCTATGGAGAGTTTCTACCATGTTTGAGGAGAACTATCCTGAAACGCTGAA
GCGGCTGTTCTCGTTAAAGCCCCAAGCTGTTCCAGTGGCCTACAACCTCATCAAGCCCTTCTGAGT
GAGGACACTAGGAAGAAGATCATGGTTCTGGGAGCAAACCTGGAAGGAGTTTTACTCAAACACATCAGCC
CCGACCATTGCCTGTGGAGTATGGAGGCACCATGACGGACCCGTATGGAACCCCAAGTGTAATCCAA
GATCAACTATGGGGTGACATCCCAAGCAGTATTACGTGCGAGACCAGGTGAAGCAGCAGTATGAACAC
AGTGTGCAGATCTCCCGAGGCTCCTCCCAAGTAGAGTATGAGATTCTTTTCCCGGCTGCGTCTCA
GGTGGCAGTTTATGTCGGAGGGATCAGACGTGGGTTTTGGGATTTTCTGAAGACCAAGATGGGGGAACG
GCAGCGGGCAGGGGAGATGACGGAGGTGCTGCCTAACCAGAGATAACAATCCCACATGGTCCCTGAGGAT
GGGACCCACCTGCAGTGAAGCCAGGCATCTATGTCTACGGTTTGACAACACCTACAGTTCATCCATG
CCAAGAAAGTCAGTTTCACTGTGGAGGTCTGCTCCAGACAAAGCAGCAGAAGAGAAGTTGAATCAGCA
GGGGACAGTCACCCCAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053801
Insert Size:	1212 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_053801.2</u> , <u>NP_446253.2</u>
RefSeq Size:	2614 bp
RefSeq ORF:	1212 bp
Locus ID:	116486
Cytogenetics:	14q21
Gene Summary:	increases the activity of squalene epoxidase, which catalyzes the conversion of squalene to squalene 2,3-epoxide in cholesterol biosynthesis; may act as a cytosolic squalene transfer protein [RGD, Feb 2006]