

Product datasheet for **RN201232**

Scp2 (NM_138508) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scp2 (NM_138508) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scp2
Synonyms:	NSLIPTR; SCPx
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201232 representing NM_138508
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTTCAGTCGCGTTGAACTCTCCGCGCTGCCGCGGGTGTTCGTGGTTCGGAGTTGGCATGACCAAGT
 TCATGAAGCCTGGAGGTGAGAATCAAGAGACTATCCTGATTTGGCAAAAAGAAGCAGGCCAGAAGGCATT
 GGCGGACCGGCAGATCCCTTACTCCGAGTGGAGCAGGCGTGCCTGGCTATGTGTACGGTGAATCCACC
 TGCGGGCAGAGGGCCATCTATCACAGCCTGGGGCTGACTGGCATCCCTATCATTAAATGTCAACAATAACT
 GCTCTACCGGTTCTACTGCTTTGTTTATGGCCAGCAACTGGTTCAGGGAGGTTTAGCAAATTCGCTGTT
 AGCTCTTGGGTTTGAGAAGATGGAAAAGGGATCCCTTGGTACCAATATTCAGATCGGTCAAATCCACTG
 GAAAAACATATTGACGTCTTGATCAATAAGTATGGAATGTCTGCCTGTCCATTTGCTCCTCAGCTGTTT
 GGAGCGCTGGGAAAGAACATATGAAACATATGGAACAAAGGTTGAACACTTTGCAAAAATTTGGATGGAA
 AAATCATAAACACTCAGTTAATAACCCGATTCCAGTCCAAGATGAATACAGCTTAGATGAGATAATG
 AAATCAAGGCCAGTTTTCGATTTCTGACTGTCTTACAATGTCTGCCACCTCAGATGGTCCCGCAGCAG
 CAATTGTGTCTAGTGAGGAGTTTGTGCAGAAGCATGGCCTGCAGTCCAAAGCTGTGGAAATTTGTGGCACA
 GGAGATGGTACTGACATGCCACTACATTTGAAGAAAAAGTGTATTAAAAATGGTTGGCTATGATATG
 AGTAAAGAAGCTGCCAGGAAGTGCTATGAGAAGTCCGGCTGGTCCCAGTGATGTGCAGCTGATAGAGC
 TTCACGATTGCTTCTACCAATGAACTCCTGACTTATGAAGCACTGGGGCTCTGTCCAGAAGGACAAGG
 TGGAGCACTGGTGGACAGAGGGGACAACACTTACGGAGGAAAGTGGGTCTATAAACCTAGTGGAGGCCTC
 ATCTCAAAGGGACACCCACTGGGTGCCACAGTCTGGCTCAGTGCAGGAGCTCTGCTGGCAGCTGAGAG
 GCGAAGCCGGAAGAGGCAGTTCTGGGGCAAAGTGGTCTGCAGCACAATTTAGGCCTGGAGGAGC
 TGCTGTTGTACCCCTCTACAGAATGGGTTTTCCGGAAGCTGCCAGCTCCTCAGAACGCACCAGATTTCA
 GCTGCTCCACCAGCTCTGCAGGGATGGATCAAGGCAATCTCATTTTTAAGGAAATCGAGAAGAAGC
 TTGAAGAGGAAGGGGAAGAGTTCGTGAAGAAAATCGGTGGCATTTTGCCTTCAAAGTGAAGGATGGCC
 CGGGGGCAAAGAAGCTACGTGGTGGTGGACGTGAAGAACGGCAAAGGATCGGTGCTTCCGGATTAGAT
 AAGAAGGCTGACTGCACAATCACCATGGCTGACTCAGACTTGCTGGCTTTGATGACTGGTAAAATGAACC
 CTCAGTCGGCCTCTTTCAAGGTAAGTAAAATGCCCAGTAACTGCCCAGTAACTGCCCAGTAACTGAAAAG
 CCTGCAGCTTCAGCCGGACAAAGCTAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_138508

Insert Size: 1644 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_138508.4](#), [NP_612517.2](#)

RefSeq Size: 2571 bp

RefSeq ORF: 1644 bp

Locus ID: 25541

UniProt ID: [P11915](#)

Cytogenetics: 5q34

Gene Summary: may play a role in intracellular transport of cholesterol [RGD, Feb 2006]