

Product datasheet for **RN214097**

Scara5 (NM_001135855) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scara5 (NM_001135855) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scara5
Synonyms:	RGD1306539
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214097 representing NM_001135855
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGACAACAAAGCCATGTACTGCATACTGTGAGTGACCGTGACAACGGCTCCATCTTTGAGGAAC
 CCTTTGATGGCAGGAGCCTGTCCAACTGAACCTGTGTGAGGATGGTCCATGTCACAAGCGCGGGCGGG
 TGGCTGCTGCACACAGCTGGGCTCCCTGTGAGCGCTGAAGCATGCGGTCTCGGGGCTGTATCTTCTGGTC
 TTCCTGACTCTTGTGGGTGTCTTCATCTTAGCAGTGTCCCGCCTCGCAGCTCCCCAGATGACTTGAAGG
 CGCTGACTAGGAACATCAACCGCTGAATGAAAGCTTCCGGGACATGCAGCTACGGCTGCTGCAGGCTCC
 GTTGCAGGCAGACCTGACGGAACAGGTGTGAAAGTTCAGGATGCACTGCAGAACCAGACAGACTCACTG
 TTGGCCCTGGCAGGCTTGGTGCAGAGACTGGAGGGCACACTGTGGGGGCTGCACGCGCAGGCTGCACAGA
 CTGAGCAGGCGGTGGCCCTGCTGCGTGACCGAACAGGACAGCAGAGCGACTCCGCACAGCTGGAACCTA
 CCAGTTGCAGGTGAAAGCAATCGAAGCCAGCTGCTGCTGCAGCGGCACGCAGGCTGCTGGATGGGCTA
 GCACACAGGGTGGGGTCTGGGCGAGGAGCTGGCTGATGTGGTGGTGCACCTCGTGGCCCAACCACA
 GCCTATCCTATGACGTGGCTCTGCACAGCACGTGGCTACAGGACCTGCAGGTGCTGGTGACAAATGCCAG
 CGCAGACACACGCCGTATGAGGCTGGTGCACATGGACATGGAGATGCAACTCAAGCAGGAGCTGGCCACA
 CTCAATGTGGTACTGAGGACCTGCGTCTGAAGGACTGGGAGCACTCCATCGCCCTGAGGAACATCACCC
 TTGCCAAAGGACCACCAGGACCCAAAGGTGACCAAGGGAATGAAGGGAAGGAGGGAAAGCCAGGTAGCCC
 TGGACTTCTGGATCTCGAGGTCTGCCAGGAGAGAGAGGTGACCCAGGAATGCCTGGTCTAAGGGTGAT
 GATGGGAAGCTAGGAGCCACAGGTCCCATGGGCATGCGCGGATTCAAAGGTGAGAGAGGCCCAAAGGGAG
 AGAAAGGAGAAAGAGGAGAGAGAGCTGGTGATATGGATTCACAATGATTCGCCTGGTGAATGGCTGG
 CCCACACCAGGGCCGGTGGAGGTATTCCACGATCGTTCGCTGGGGCACAGTGTGTGATGACGGCTGGGAC
 AAGAAGGATGGGACGTGGTGTGCCGATGCTGGGCTTCCACAGTGTGGAGGAGTGCACCCGACAGCTC
 GTTTTGGCAAGGCACAGGGAGGATCTGGATGGATGATGTGAACTGCAAGGGAAGTGAAGCTCCATCTT
 CCACTGCCAGTTCTCAAATGGGGCGTGACAAATTGTGGGCATGCTGAGGACGCTGGAGTGACTGTACT
 GCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001135855
- Insert Size:** 1479 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_001135855.1](#), [NP_001129327.1](#)

RefSeq Size: 3753 bp

RefSeq ORF: 1479 bp

Locus ID: 305974

Cytogenetics: 15p11