

Product datasheet for **RN207327**

Scara3 (NM_001108870) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scara3 (NM_001108870) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scara3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207327 representing NM_001108870
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAGTGAATCAGCTGCGAGTGACAGGGATGTACTGTGTGCTACTGAAGAGGACCTGGCTGGTGAAG
 ACGAGGATATGTCATCCTTCCCATGCTCCCAAGAGGGCCGGGAGGACCCCGTTGCAACCGCTGCCAGAA
 GAACCTATCTTTGCACACATCAGTGCAGTTTGTACCTCTTCTGGCTCTGCTCCTGGTGGCCGTGGCT
 GTGCTGGCCTCTAGTTTTAGAAAGGTGGACTCTCTCAGAAGACATCTCCTTGGCCAGTCCATCT
 ATAATAAGAAGCTTGTGTCAATGCAAGAAAATCTTCAAGGACTGGACCCAAAAGCCCTGATCAATTGTTT
 CTTTTGCCGTGAGGCTGAGCAGCTGGGGCAAGAGATCAGGAAGCTCCAGGAGGAGCTGGAGGGGCTCAG
 AAGATGCTGCTGGCCAGGAGTCCAGCTGGACCAGACTCCAGGCCATGAGCTGCTCACCACAA
 GCAGTCAATCTCCAGGAGATGGCAGTTGTTCTTCTCCATTACCAGGCAATCAATCCCTGGGACT
 CTTCTGGCACAAGTGGGGTTGGCAGGCCACCACAGCAGGTATGGACATCAGCCTGAAGGACCTCACC
 CAGGAGTCTATGACGTC AAGGCTGCTGTACACCAGATCAACTCACGGTGGGCCAGACTGCTGAGTGGA
 TCCACGGGATCCAGAGGAAGACAGACGAGGAGACCCTGACCCTGCAGAAGATAGTCACTGACTGGCAGAA
 CTACACCAGGCTCTTTGGAGTTTGCAGAACCTCTGCCAAGACTGGAGAAATAGTCAAGACTATTCAA
 GCCACCCTGGGGCCCTCTCAGCGCATTAGCCAGAATTCTGAGAGCATGCATGACCTGGTGTACAGG
 TCATGGGCTACAGCTACAACCTGGACAATATCTCTTCTTTTGGATGACCATGAGGAAAACATGCATGA
 CCTCAATACCACACCCGATATGCCAGAATCGCACAGTGGAAAGGTTTCGAGTCTCTGGAAGGACGCATG
 GCTTCTCAGGAGATTGAAATTGGCACCATCTTACCAATATCAATGCCACTGACAACCACGTGCACAGCA
 TGCTCAAGTACCTGGACGATGTACGGCTGTCTTGACACTAGGCTTCCACACCCATGCCAGGAGCTCTA
 CTACCTGAATAAGTCTGTCTCCCTCATGCTGGGCACCACAGATCTGCTCAGGGAGCGCTTACGTCTCCTC
 AGTGCTCGTTAGACTTCAATGTCCGAAACCTCTCCATGATCATGGAGGAAATGAAGGCTGTGGACACAC
 ATCACGGAGAAATCCTTCGCAATGTACCATCATCCGAGGTGTCCCGGCCCTCCCGACCAAGAGGATT
 CAAAGGAGATACAGGCATGAAAGGACCTGTTGGTAACAAAGGACCTAAAGGGGATCCTGGCAGTCTGGGA
 CCCCCCGACCTCAGGGTCTCAGGGACAACCTGGGGAACCAGGACCTGTGGGAGAAAGAGGGCCAGCTG
 GCCCCCGAGGCTTCCAGGCCTCAAAGGCTCAAAGGGCAGCTTTGGCACTGGAGGGCCAAGGGGCGACCC
 AGGCCCAAAGGGGATGTGGGACCCCGAGGGCCAGAGGGGCCCCAGGGTCTCAAGGACCGTCAGGGCCT
 CAGGGAAAGCCAGGGATTCAGGAAAGGCAGGGTACCAGGCCAGCGAGGGGCCACAGGGCCTAAGGGTG
 AACCCGGCATCAAGGTCCCCCTGGACTACCTGGACCTCCAGGTCCACCAGGGAACCAGAGCCCCTACTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108870
- Insert Size:** 1821 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_001108870.1](#), [NP_001102340.1](#)

RefSeq Size: 3358 bp

RefSeq ORF: 1821 bp

Locus ID: 364405

Cytogenetics: 15p12