

## Product datasheet for **MC219654**

### Scara3 (NM\_172604) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scara3 (NM_172604) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scara3
Synonyms:	APC7; C130058N24Rik; CSR; CSR1; MSLR1; MSRL1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC219654 representing NM\_172604  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAGTGAATCAGCTGAGCTGACAGGGATGTACTGTGTGCTACTGAAGAGGACCTGGCTGGTGAAG  
 ACGAGGACATGCCATCCTTCCCATGCACCCAAGAGGGCCGGGCAGGACCCGCTGCAACCGCTGCCAGAA  
 GAACCTATCTTTGCACACATCAGTGCAGTTTGTACCTCTTCTCACTCTGCTCCTGGTGGCCGTGGCT  
 GTGCTGGCCTCTCTGGTTTTAGAAAGGTGGACTCTCTCAGAAGATATCTCCTGGCCAGTCCATCT  
 ATAATAAGAAGCTTGTGTCAATGCAAGAAAATCTTCAAGGACTAGACCAAAAAGCCCTGATCAATTGTTT  
 CTTTTGCCGTGAGGCTGAGCAGCTGGGGCAAGAGATCAGGAAGGTCCAGGAGGAGCTGGAGGGGCTCAG  
 AAGATGCTGCTAGCCAGGAGTCCAGCTGGACCAGACCTCCAGACCCATGAGCTGCTCACCAGAA  
 GCAGTCAATCTCCAGGAGATGGCAGTTGCTCCTTCTCCATTACCAGGTCATCAGTCCCTGGGACT  
 CTTCTGGCACAGGTGAGGGCTGGCAGGCCACCAGCAGGCATGGACATCACCTGAAGGACCTCACC  
 CAGGAGTCTATGATGTCAAGGCTGCTGTACACCAGATCAACTTCACGGTGGGCCAGACTGCTGAGTGA  
 TCCACGGGATCCAAAGGAAGACAGATGAGGAGACCCTGACCCTGCAGAAGATAGTCACTGACTGGCAGAA  
 CTACACCAGACTCTTTGGGGTCTGCGAACCCCTCTGCCAAGACTGGCGAAATAGTCAAGACCATTGAG  
 ACCACCCTGGGGCCCTCTCACAGCGCATTAGCCAGAATTCTGAGAGCATGCATGACTTGGTTCTGCAGG  
 TCATGGGCCTACAGCTACAGCTGGACAACATCTTCTCTTTTGGATGACCATGAGGAGAACATGCATGA  
 CCTCAATACCACACCCGATATGCCAGAATCGCACAGTGGAAAGGTTGAGTCTCTGGAAGGACGTATG  
 GCTTCTCATGAGATTGAAATCGGCACTATCTTACCAATATCAATGCCACCGACAACCACGTGCACAGCA  
 TGCTCAAGTACCTGGACGACGTGCGGCTGTCTTGCACACTGGGCTTCCACACCCATGCTGAAGGCTCTA  
 CTACCTGAATAAAATCCGTCTCCCTCATGTGTTGGCACCACAGATCTGCTCAGGGAGCGCTTCAGTCTGCTC  
 AGTGCCCGGTTAGACTTCAATGTCCGAAACCTCTCCATGATCATGGAGGAAATGAAGGCTGTGGACACAC  
 ACCACGGAGAAATCCTTCGCAATGTACCGTCTCCGAGGTGTCCCGGCCCTCCAGGACCAAGAGGACT  
 CAAAGGAGATACAGGCGTAAAGGACCTGTTGGTAGCAGAGGACCTAAAGGGGATCCTGGCAATCTGGGA  
 CCCCCAGGACCTCAGGGTCTCAGGGGCAGCTGGGGAGCCAGGACCTGTGGGAGAAAGAGGGCCAGCTG  
 GCCCCAGAGGCTTCCAGGCCTCAAAGGCTCAAAGGGCAGCTTTGGCACTGGAGGACCAAGGGGGCAGCC  
 AGGCCCAAGGGGATGTGGGGCCCTAGGGCCAGAGGGGCCCCAGGGTCTCCAGGACCTCAGGGCCT  
 CAGGGAAAGCCAGGAATTCAGGAAAGACAGGGTACCAGGCCAGCGAGGGGCCACAGGGCCTAAGGGTG  
 AACCGGATCCAGGGTCCCCCTGGACTACCTGGACCTCCAGGTCACCAGGGAACAGAGCCCCTACTG  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_172604

**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\\_172604.3](#), [NP\\_766192.1](#)

**RefSeq Size:** 3405 bp

**RefSeq ORF:** 1821 bp

**Locus ID:** 219151

**UniProt ID:** [Q8C850](#)

**Cytogenetics:** 14 D1

**Gene Summary:** Seems to protect cells by scavenging oxidative molecules or harmful products of oxidation. [UniProtKB/Swiss-Prot Function]