

Product datasheet for MC212328

Scrt1 (NM_130893) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scrt1 (NM_130893) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scrt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212328 representing NM_130893 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAGGTCCTTCTGGTTAAGAAGGTCAAACCTTGACACATTCTCTCGGCAGACCTCGACAGCTCCT
ACGGGCGCGCCCGCAGCGATCTCGGAGTGCGACTGCAAGATAAAGGATACCTCAGTGACTACGTGGGGCC
TGCGTCGGTCTACGATGGCGACGCTGAGGCGCGCTTGTCAAAGGGCCATCCCGGAGCCTATGTATGCT
GCGGCTGTGCGGGGAGAGCTGGGTCCCGCGCCTCTGGCTCAGCACCGCCGCCACCCCTCGCCAGAGC
TGGCTACTGCTGCTGGCGGTACATCAACGGCGACGCGCGGTACGGAAGGCTACGCGCCGACGCTT
CTTCATCACTGACGGGCGCTCACGCCGTAAGGCTGCTAATGCCAACGCTGCCGCGCCCTCGACAGCC
TCGGTGGCAGCCCCGACAGCGACGCTGGAGGTGGGGCGGGCCGGGCACGCGAGGCTCTGGATCAGGGT
CCGCTAGTCGGGGCGGCACGCGCTGGGGCGGGCACCGAGGCGCTGCGGGTTCGGAGCCACGGGCGC
TGGTGGCCGGCACGCTGCGGAGAGTGTGGCAAACTTACGCCACGTCGTGCAACCTGAGCCGCCACAAG
CAAACGCACCGCAGCTTGGACAGCCAGCTGGCAAGGCTTGCCAACGTTGGCAAGGTGTACGTGTCCA
TGCCGGCCATGGCTATGCACCTGCTCACGCACGATCTGCGCCACAAGTGGCGGTGTGCGCAAGCCTT
CTCCCGCCCTGGCTGCTGAGGGCCATATGCGCTCGCACCGGGCGAGAAACCTTCGGCTGTGCGCAC
TGCGGCAAGGCCTTTCAGAGCCGCTCAACCTGCGCGCGCACATGCAGACGCACTCCGCCTTCAAGCACT
TCCAGTGCAAGCGCTGCAAGAAGAGCTTCGCGCTCAAGTCTTATCTCAACAAGCACTACGAGTCAGCCTG
CTTCAAGGGCGGCGCTAGCGGCCCGCAACCCCTGCGCGCGCAGCTCAGCCCGGTTCAAGCCT**AG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_130893



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Insert Size:	1047 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_130893.3</u> , <u>NP_570963.1</u>
RefSeq Size:	4010 bp
RefSeq ORF:	1047 bp
Locus ID:	170729
UniProt ID:	<u>Q99M85</u>
Cytogenetics:	15 D3
Gene Summary:	Transcriptional repressor that binds E-box motif CAGGTG (By similarity). Appears to function downstream of proneural bHLH proteins in promoting neural differentiation. [UniProtKB/Swiss-Prot Function]