

Product datasheet for **MC218375**

Sclt1 (BC043136) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sclt1 (BC043136) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sclt1
Synonyms: 2610207F23Rik; 4931421F20Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC043136
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCACAGAAATCGACTTACTGAGAGACCAAAAAGATAAACTAAATGATATTCTTAGGCAGCATCAA
TCGAACATATTTTCAGAGACCCAACATGCAGAACAGCATGTCCAAGGAGGCAGAGGTGACACACTAGT
AGACTCAATAAATGAGCAAAGTTCTTTACCTCCTCATTGCTGAGTATGAGAAACATCTGGAAGAGCTA
AACAGGCAGCTGACCTATTATCAGAAGCACATGGGTGAGATGAACTACAACCTGAAACTGTCATCACAG
AAAATGAAAGGTTGCACAGTAAATTTAAAGATGCTGTTGAAAAGCAATTGGAAGCCCTTCCCTTTGGCAC
AGGGATAGGAAATGACATCTGTGCAGATGATGAGACCGTGAGGATCCTTCAAGAACAATTGCAACTAGCC
AATCAAGAGAAAACCTGGGCTCTGGAACCTGGCAGACTGCTTCTCAGGAGTTGCAAAGTGTACAGAAAC
TCTATCAGGAGCATATGACTGAAGCCAGATTCATGAATTTGAAAACCGAAAGCAAAAAGATCAGCTGAA
CAATTTTCAACAATAACCAAGAACTCCATGTTGCTAATGAGAACATAGAAATGACTAACCACCACTTC
CTGAAAACAGTAACTGAACAAAACATGGAGATTGAGAACTTCGAAAACATCTTAGGCAAGCCAGATTAG
ATCTGAGAGTTGCAGTATCGAAAGTGAAGAGTTAACTAAAGTACTGAAGGCTTCAAGAGCAGATGCT
GAAGAAGGAGGAAGATATTATGTCTGCACAAGGAAAAGAAGCGTCCGATAGACGAGTACAGCAGTTA
CAATCTAGTATAAAACAGTTAGAGTCAAGATTGTGTAGCAATTGAAGAAGCCGATGTACTAAAAACAG
GGAAATCAAATTTGAAAAGCAAATCAAAGAACTACAAGCAAAATGTAGTGAATCAGAAAATGAGAAATA
TGAGGCTATTTCAAGAGCCAGAGATAGCATGCAGCTCTTAGAAGAAGCTAACATTAACAAAATCAGCTT
TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC043136



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Insert Size:	1053 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:	<ol style="list-style-type: none">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:	<u>BC043136</u> , <u>AAH43136</u>
RefSeq Size:	2783 bp
RefSeq ORF:	1052 bp
Locus ID:	67161
Cytogenetics:	3 B
Gene Summary:	Adapter protein that links SCN10A to clathrin. Regulates SCN10A channel activity, possibly by promoting channel internalization (By similarity).[UniProtKB/Swiss-Prot Function]