

## Product datasheet for **MC206277**

### Scly (BC019879) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scly (BC019879) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scly
Synonyms:	9830169H08, SCL, Scly1, Scly2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC019879  
 CTGCCGGCGATCAGGGGGATGGACGCGGCGGAAATGGCGCGCTGGGCAGTGTGGAGAGCCTACCCGACA  
 GGAAGGTCTATATGGACTATAATGCCACCACACCTCTAGAGCCCCGAAGTCATCCAGGCTGTGACAGAGGC  
 CATGAAGGAAGCCTGGGGAAACCCAGCAGCTCCTATGTGTGAGGTAGGAAGGCCAAGGACATTATAAAT  
 GCAGCTCGAGCGAGCCTGGCCAAGATGATAGGTGGAAAGCCCCAGGACATCATCTTCACTTCTGGGGCA  
 CCGAGTCAAATAATTTAGTAATCCACTCTATGGTAAGATGCTTCCATGAACAGCAGACCCCTGAAGGGGAA  
 CATGGTTGACCAGCACAGCCCAGAAGAGGGGACCAGGCCCATTTTATCACTTGCACAGTGAACACAGC  
 TCCATCCGGCTGCCCTGGAGCACCTGGTGGAAAATCAAATGGCAGAGGTCACTTTGTCCCAAGTGTGCA  
 AGGTGAATGGGCAGGAGGTCGAGGATATCCTGGCGGCTGTCCGTCCCACCACATGCCTTGTGACCAT  
 CATGCTGGCCAATAATGAGACCGGCGTCATCATGCCTGTCTCCGAGATCAGTCGGCGAATTAAGGCCTG  
 AACAGATCCGGGCTGCCTCGGGGCTGCCCGAGTCTGGTGCACACAGACGCTGCTCAGGCACTGGGGA  
 AGAGGCGAGTGGATGTGGAAGACCTGGGCGTGGACTTCTGACCATCGTGGGACATAAGTTCTACGGCCC  
 CAGGATCGGTGCTCTGTATGTACGAGGGTCCGTAACCTTACCCCTGTACCCCATGCTGTTTGGAGGT  
 GGACAAGAGCGGAATTTAGGCCAGGACCGAGAACACGCCCATGATTGCTGGCCTTGGGAAGGCTGCTG  
 ATCTGGTGAAGGAGAACTGCGAGACTTATGAGGCCACATGAGAGACATCCGAGATTACCTGGAGGAGAG  
 GCTGGAGGCTGAGTTTGGTAAGAGAATCCATTTGAACAGCCGGTTCCAGGAGTGGAGAGGCTTCCAAC  
 ACCTGCAACTTTTCCATCCAGGGGTCCCAGCTTCAAGGGTACACGGTCTTGCACAGTGCAGGACTGC  
 TGGCCAGTGTGGGAGCATCATGCCACTCAAATCAGAGGACCGGCCATCCCCAGTGTGCTGAGTGCAGG  
 CATTCTGTGGACGTGGCCCGGAATGCGGTCCGGCTCAGCGTGGGCCGCGGTACCACCAGGGCTGATGTG  
 GATCTCATCGTACAGGACCTGAAGCAGGCCGTGGCCCACTGGAAGGGCGGCTCTAGAAGTAGCAGCCGC  
 TCTCTGTAGCCAGCTGGACTTTTACCACTCGATCCATAGGAAACCGCTTGCAAAAGCCCTTGGTCCCTAA  
 CCTGCCCATCTCAAGAGCTGCGTTGAGGTGACTTGCTTACTGTGGGGTGCAGAGTGCAGGAGGCTGC  
 CCACCGCACAGAATCCCACCCAGCACCCATCCTTACAAGCTCAGGACAGCCATGTCACATAGGACTTCT  
 CCTGTACCTTCTGACAAAGGCCACAGGGGAATAGGAATATTCCAGTTATCGGGCAGCCTGCCAGGACC  
 GCCTGACCCAGAACGACCTTGGTCCAGAACAAAACCAAGTCTTGGTCCGGTGTCACTTAGCTGCTA  
 GTGTGAGAATAGGAAAGTTGATTTTACTCCCCCTCTACCCCAACCCCAACCCCGTCTTCCCTG  
 TGCACCTACAGACACACCCTTCTCCAGTGCAGCCCTGCCTTGCCTCAGCCAGCCACTGCCACCTGCC  
 TCCCTGGCTGATGGTCCGAGATGTCCATGCCTTGTCCCGGAAGTGAAGCTTACCCTGCCTTCTAC  
 TCAGGGATCCACCTCCAGCGTGGTACCGGAGGCTGGTGCCTGAGCTCAGTCTTTGCCAAAGTGGGAAAT  
 CTGATCATTTCTCGCTCAGATTCATTTAATTTTATTTTGAAGGCTGTGCCATCTTAAGGATGTGT  
 GGCACACATCGCACCAAGTTTATATAGGAATGTCTTCTGGAGGCTGCTTTTGGGTCTGTGGACCAA  
 GGATGACGCAACCCGTGAAAACAGTTGTCAGAAATTAATGAACATATGAACATGTCTGCAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI

**ACCN:** BC019879

**Insert Size:** 1299 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:** [BC019879](#), [AAH19879](#)

**RefSeq Size:** 2189 bp

**RefSeq ORF:** 1299 bp

**Locus ID:** 50880

**Cytogenetics:** 1 D

**Gene Summary:** Catalyzes the decomposition of L-selenocysteine to L-alanine and elemental selenium.  
[UniProtKB/Swiss-Prot Function]