

Product datasheet for **MC206226**

Sil1 (BC016466) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sil1 (BC016466) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sil1
Synonyms: 1810057E01Rik; AI042831; wz
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC016466
 CGCTGGACGGCGTTTGC GCACGAGGAGCTGGTTGCCGCTGCAGCCGCTGGAATTGTGGGGATTGTGTCT
 GCCCTCGGCTGCCGTGAAAGCCGAAGTCTGGTTATGGCTCCTCAGCACCTGCCTTCAACTAGGATG
 GCCTCTCCAGGAATGCTGCTGGGGCTGCTGTTGACTTCCTGTTTAACTCTCTGCCTCAGCTGTCAGAACT
 CAAATAATTTTGC ACTCACCAACCCAGAGAAGAGCATCCACCAGGAATCAGATACAAGGAGACCCAGGGA
 AGAGGAGGAGCTAGACACCGAGATCCTGGAGGTGTCCACCCAACTCAAGAGTGGCAGACCTTCAACCA
 GGTGAGGCTGTTCTGCAGGATCCCATGTGCGAATGAACCTACAGACTGGAGTAAACGAGGTGAAGTCC
 AACAGAAGACAAATTTCAAATAATCTGAAAGGATTTAAAAGAGGCAGAAAGGCTGGACATCAACGCCAA
 CACATACACATCTCAGGACCTCAAGAGTGCCTGGCCAAATTCAGGAGGGGACCGAGATGGAGAATTCA
 AAGGATGAACTGGCAGACAGGCCACAGTCAAGCAGCTCTCCGCCCATTTGAGGAGCTGAAGAAGGAAT
 TTGATGAGCTGAACGTTGTTCTTGAGACTGACATGCAGATTATGGTTCCGGCTGATAAACAAGTTCAACAG
 CTCCAGCTCCAGCTAGAAGAGAAGTTGCTGCGCTCTTTGATCTTGAGTACTATGTCCATCAGATGGAT
 AACGCACAGGACCTGCTGTCTTTGGTGGCCTTCAAGTGGTGATTAATGGGCTCAACAGCACAGAACCCC
 TGGTGAAGGAGTATGCTGCTTTTGTGCTGGGGGCCGCTTTTCCAGCAATCCGAAGGTCCAGGTGGAAGC
 CATCGAAGGGGGAGCCCTGCAGAAGCTGCTGGTCACTCCTGGCCACAAACCAGCCTCTCCCGCCAAGAAG
 AAGGTCTGTTTGC ACTGTGCTCCCTGCTGCGCCACTTCCCTATGCCAGCAGCAGTTCCTGAAGTCTG
 GGGCCTGCAGGTCTCAGGAGCCTGGTACAGGAGAAGAGTGC GAAGGTACTGGCCGTGCGTGTGGTCA
 CCTGCTCTATGACCTGGTCACTGAGAAGATGTTTGCTGAGGAGGAGGCAGAGTTGACCCAGGATTCATCC
 CCAGAGAAGCTGCAGCAGTATCGCCAGGTGCAGTCTCCTGCCAGGCCTGCAGGAACAGGGTTGGTGTGAGA
 TACC GCCAGCTCCTGGCCCTTCCAGAGCATGATGCTCGGAGAAAGGTGCTGCAGACACTGGGTGCCCT
 CCTGACCACCTGCCGGGATCGCTACCGTCAAGACCTCCAGTTGAGCAGGACACTAGGGCCTCTCCAAAGCA
 GAGTACCAAGCCCTGGCCTCCCTGGAGCTCCAAGAAGGCGAAGATGATGGCTACTTCCGGGAACTGCTGG
 CCTCCATCAACAGCTTGATGAAGGAACTAAGATGAGGCTGCCATGCCGAGACCAGGACTGGACGGATGCT
 GCTAGTGAGAGCTTTGGTGGGCTCTTCAGGGGACATCAACTACGAGGAGGACTTAACTGCTGGGGCATG
 AGTGTACCTGGGCAGAGCTTGCTAGGTCATTAACAGAGACATGATGAAAAAAAAAAAAAAAAAAAAAAAAA A

Restriction Sites: RsrII-NotI



[View online »](#)

ACCN:	BC016466
Insert Size:	1398 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:	BC016466 , AAH16466
RefSeq Size:	1681 bp
RefSeq ORF:	1398 bp
Locus ID:	81500
Cytogenetics:	18 B1-B2
Gene Summary:	Required for protein translocation and folding in the endoplasmic reticulum (ER). Functions as a nucleotide exchange factor for the ER luminal chaperone HSPA5 (By similarity). [UniProtKB/Swiss-Prot Function]