

Product datasheet for **MC221770**

Scyl1 (NM_023912) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scyl1 (NM_023912) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scyl1
Synonyms:	2810011O19Rik; C85140; mdf; mfd; Ntkl; p105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221770 representing NM_023912
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGTTCTTTGCCCGGACCCGGTCCGGGACTTCCCGTTCGAGCTGAGCCCTGAGCCCCGAAGGCG
 GGCCGCCCGGCCCTGGATCCTGCACCGAGGCCGCAAAAAGGCCACAGGCAGCGCAGTGTCCATCTTCGT
 GTATGATGTGAAACCGGGAGCTGAAGAGCAGACCCAGGTGGCCAAAGCTGCCTTCAAACGCCTCAAAACT
 CTCGACACCCCAACATCCTGGCCTATATCGATGGGTTGGAGACAGAAAAGTGCCTCCACATCGTGACAG
 AGGCTGTGACCCCTGGGAACATACCTCAAGGCACGAGCAGAAGCAGGTGGCCTGAAGGAGCAGGAGCT
 GTCATGGGGTTACACCAGATCGTGAAGCCCTCAGCTTCTGGTCAACGACTGCAACCTCATCCACAAT
 AATGTCTGCATGGCCGTGTGTTTGTGGACAGGGCTGGCGAGTGGAAACTTGGGGTCTGGACTACATGT
 ACTCGGCACAGGGCAACGGCGGGGACCACCCAGCAAGGGGATCCCGGAGCTCGAGCAGTATGATCCCC
 GGAGCTGGCTGACAGCAGTAGCAGAGCAGTCAGAGAGAAGTGGTCAGCAGACATGTGGCGCTTGGGCTGC
 CTATCTGGGAAGTTTTCAATGGGTCTCTACCTCGGGCAGCTGCCCTGCGCAACCTGGGAAGATCCCCA
 AATCCCTGGTGACCCATTACTGTGAAGTGGTGGGAGCTAACCCAAAAGTACGTCCCAACCCGGCCCGCTT
 CCTGCAGAACTGCCGGGCACCCGGTGGCTTCATGAGCAACCGCTTGTGAGACCAACCTTTCCTGGAG
 GAGATTAGATCAAAGAGCCAGCTGAGAAGCAGAAGTTCTTCAAAGAGCTGAGCAAGAGTCTAGACTCAT
 TTCCCAGAAATTTCTGTGCACACAAGGTGCTGCCCCAGCTACTGACTGCCTTTGAGTTTGGCAATGCTGG
 GGCCGTGGTCTCACACCTCTCTTCAAGGTGGGAAAATCCCTCCGTGTGAAGAGTACCAGGAGAAGATC
 ATCCCCGTGGTAGTTAAGATGTTCTCATCCACCGACCCGGCCATGCGCATCCGCCTCTCCAGCAGATGG
 AGCAGTTCAATCAATACCTTGATGAGCCAACAGTCAACACGCAGATTTTCCCCACGTCAACATGGCTT
 CCTGGACACCAACCCCGCCATCCGCGAGCAGACGGTCAAGTCCATGCTGCTCTTGGCCCAAGGTGAAT
 GAGGCCAATCTCAATGTGGAAGTGAAGCACTTTGCAAGGCTACAAGCCAAGGACGACCAGGGTCTTA
 TCCGCTGCAACACCACGGTCTGCTTGGGCAAAATCGGCTCCTATCTCAGTGTAGTACTAGACACAGGGT
 CCTCACCTCCGCCTTCAGCAGAGCCACTAAGGACCCATTTGCACCATCCCGGGTTCGGGGTGTCTGGGC
 TTTGCTGCCACACACAATCTCTATTGATGGACGACTGTGCCATAAGATCCTGCCTGTGCTGTGTGGCC
 TACTGTGGACCCTGAGAAATCTGTGCGGGACCCAGGCTTTAAGACCATTGCAAGCTTCTGTCCAAATT
 AGAGTCTGTGTCAGAGGATCCCACCCAGCTGGCAGAAGTAGAGAAGGATGTCATGCAGCGTCCAGTCTT
 GGAACAGGAGGAGCTGCAGCCAGCTGGGCAGGCTGGGCTGTGACTGGGGTATCCTCTCTACCTCCAAGC
 TGATCCGAGCACACCCACGCCTGTGCCGTCTGATACCACTGTGCCCCAGAGACCAGTGCCAGAGGGAAA
 TCCTGCTCCAGCCCTGCCCTTGCCCAAGCTATCCCTGCAACCTCAGGGCACTGGGAGACACAGGAAGAC
 AAGGACTGCAGAAGACAGCGCCACTGCTGACAGATGGGACGATGAGGACTGGGGCAGCTTGGAGCAGG
 AAGCTGAATCCGTGTTGGCACAGCAGGATGACTGGAGTGCCAAGGGCCAAGGAAGCCGAGCTGGACAGAT
 CAACCACCCAGACCACAAATCTCTGGAATCACATTGGAGCAGCTGGGAAGTTGAGGGTCTCTGGGACCAG
 GGCTGGCAGGAACCCAGCTCTGTGGAGCCACTCCAGAAGGCACTCGGCTAGCTAGCGAATATAACTGGG
 GTGGTGCAGAGCCAGTGACAAGGGCGACCCCTTTGCTGCCCTGTCTGTTCTGCTCCAGCGCTCAGCCCAG
 GCCAGACCCAGACTCTGGGGTGAAGACAACGGGAAGGCTTGGAGGCTGAGAGCAGACAGGTAAGGGCA
 GAGCTGGCCCGGAAAAAGCGAGAGGAAAAGGAGAAGAGAAAATGGAAGCCAACGGGCAGAGAAAAAGCCA
 CCAAGGGGCCATGAAGCTGGGAGCCCGAAGCTGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_023912
Insert Size: 2421 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:	NM_023912.2 , NP_076401.1
RefSeq Size:	2637 bp
RefSeq ORF:	2421 bp
Locus ID:	78891
UniProt ID:	Q9EQC5
Cytogenetics:	19 4.34 cM
Gene Summary:	Regulates COPI-mediated retrograde protein traffic at the interface between the Golgi apparatus and the endoplasmic reticulum. Involved in the maintenance of the Golgi apparatus morphology. Has no detectable kinase activity in vitro.[UniProtKB/Swiss-Prot Function]