

Product datasheet for **MC222712**

Scyl2 (NM_198021) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scyl2 (NM_198021) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scyl2
Synonyms:	AU015688; AW536445; BC030932; CVAK104; D10Ertd802e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222712 representing NM_198021

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCCATGCTTAATAAACTGAAGAGTACTGTTACAAAAGTAAACAGCTGATGTCACCAGTGTCTGTGA
TGGGAAATCCCGTCACTAGAGAGTTTGATGTTGGTCGACACATTGCCAGTGGTGGCAATGGGTTGGCATG
GAAGATTTTTAATGGCACAAAGAAGTCAACAAAACAGGAAGTGGCTGTTTTTGTCTTTGATAAAAAAGCTG
ATTGACAAATATCAAAAATTTGAAAAGGATCAAAATCATTGATTCTTTAAAACGCGGAGTCCAACAGCTAA
CCCGACTACGACACCCTCGACTTCTTACTGTCCAGCATCCTTTAGAAGAGTCAAGGGATTGCTTGGCATT
TTGTACAGAACCAAGTTTTGGCAGTTTAGCCAATGTTCTTGGTAACTGGGAAAATCTACCCTCTTCAATA
TCTCCAGACATCAAGGATTATAAACTTTATGATGTAGAACTAAGTATGGTTTGGCTTCAAGTTTCTGAAG
GATTGTCATTTTTGCATAGCAGTGTAAAAATGGTTCATGGAAATGTTACTCCTGAAAATGTCATTTTGAA
TAAAAGCGGAGCCTGAAAATAATGGGGTTTGACTTCTGTGTGCATCAAGCAACCCTTCTGAACAGGAG
CCTAAGTTTCTTGTAAAAGAGTGGGACCCAAACTTGGCCATCATTGTGCTTCCGAATCCTGAATACTTGG
CTCCTGAATATATCCTGTCCGTGAGCTGTGAGACTGCCAGTGACATGACTCGTTAGGAGCTGTTATGTA
CGCCGTGTTTAAATCAAGGGAGACCTATATTTGAAGTCAACAAGCAGGACATTTACAAGAGCTTCAGTAGA
CAACTGGATCAGTTGAGTCGTTTAGGATCTAGTTCAGTACCAGTATACCCGAGGAAAGTTCGTGAACACG
TAAAACGTGTTGTTAAATGTAACCTCAACCGTGAGACCCGATGCAGATCAAATGACAAAAATTCCTTCTT
TGATGATGTTGGTGCAGTAACTTCAATATTTGATACCTTATCCAAAGAGATAATCTTCAGAAATCA
CAGTCTTCAAAGGATTGCCAAAGTTCTACCAAAGCTGCCAAGCGTGCATTGTGCAGAGGATTTTAC
CTGTGCTGACCTCAGAATTTGTCAACCTGATATGGTACCTTTGTTTTACCTAATGTTCTGCTCATTGC
TGAGGAATGCACCAAGAAGAATATATCAAAATTAATTCTGCCTGAACTCGGTCTGTATTCAAACAGCAG
GAGCCAATCCAGATTTTGTCAATTTTTCTACAAAAATGGATTTGCTGCTAACCAAAACCCCTCCTGATG
AGATAAAGAACAGTGTCTGCCATGGTCTACAGAGCTCTGGAGGCTCCTTCCATTAGATCCAGGAGCT
CTGTCTAAACATCATTCCAACATTTGCAAACTTATAGACTACCCGTCCATGAAAAACGCTTTGATTCCA
AGAATTAATAATGCCTGTTTACAAACGCTTCCCTTGTGCTCCGTGTGAATTCATTAGTGTGCTTAGGGA
AGATCCTGGAGTACCTGGATAAGTGGTTTGTGCTTGATGATATCCTACCCTTCTTACAGCAGATTCCTC
CAAGGAGCCTGCAGTCTCATGGGATTTTAGGATTTATAAATGTACTTTTACTCATAAAAAATGGGA
ATCACCAAGAGCAGCTGGCTGGGAAAGTCTGCCTCATCTCATCCCCCTGAGCATTGAAAAACAACCTCA
ACCTCAATCAGTTCAGCTCCTTCAATGGCGTCATAAAGGAGATGCTGAGCAGACTGGAGTCTGAGCATAG
GACGAAGCTAGAGCAGCTTACGTGATGCAGGAGCAGCAGAGGTCTTTGGACATAGGGAATCAAATGAGC
ACTTCTGAGGAGACAAAAGTTGCACATTCTGGAAGTCAAGCAGATTGATAAGGTCTTTAACAACTTTGGAG
CGGACCTTCTAAGTGGCAGTGAATCAGAAAAATAGAGAAGATGGGATGCAGGGAAAACAGAAAAGGGGGTC
ACTAACACTTGAAGAAAAACAGAAATAGCGAAAGAACAGGAGCAGGCACAGAAGCTGAAAAGCCAGCAG
CCTCTTAAGCCCCAGGTCCACACTCCCATCGCTCCCATTAACAGACTAAGGACTTGACAGACACTGA
TGGAAAACATGTCGTCTCTGACCAGCCTTCTGTTAGCACTCCTAAGATTTCTGCTTCAAGTACCTTAC
CCCAGTTCCTTCCAGGGCCTCGGCATGATGTTTTCAACACCCATTGATAATACAAGAGAAAATTTGACA
AATGGCCTGAATGCCAACATGGGCTTTAGACTTCAAGGTTTCAAGTATGCCAGTCAATCCAACAGAACT
TCTTCAAGTGGGACGGGCACAGCTGGCGTGACCACCATGAGTCTGGGAGCACCTCCCACTATGTCAAAT
TAGCCCTTTGACTATTCCTCCTGCTAGCGTGAAGCAGCCTCAACAGAGACCAACCGATATGTCTGCCCTC
AATAATCTCTTTGGCCCTCAGAAACCAAAAGTTAGCATGAACCAGCTATCCCAACAGAAACCAAATCAGT
GGCTGAATCAGTTTGCACCTCCTCAAGGCTCCTGTGTCATGGGCAGCGCAGCCATGGGCACACAGGGGAA
TGTGATGGGCAGGCTGCCTTTGGTATGCAGGGCAACCCTTTCTCAACCCACAGAACTTTGCACAGCCA
CCACCCACCACTATGACCAGCAGCAGTTCAGCTAGCAACGATTTGAAAGATCTTTTTGGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_198021
Insert Size:	2793 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>NM_198021.2</u> , <u>NP_932138.1</u>
RefSeq Size:	3431 bp
RefSeq ORF:	2793 bp
Locus ID:	213326
UniProt ID:	<u>Q8CFE4</u>
Cytogenetics:	10 45.05 cM
Gene Summary:	Component of AP2-containing clathrin coated structures at the plasma membrane or of endocytic coated vesicles. May be a serine/threonine-protein kinase. May regulate clathrin-dependent trafficking between the TGN and/or the endosomal system (By similarity). [UniProtKB/Swiss-Prot Function]