

Product datasheet for **MC228089**

Scyl3 (NM_001286003) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scyl3 (NM_001286003) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scyl3
Synonyms:	1200016D23Rik; 6030457O16; AW214499; Pace1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228089 representing NM_001286003
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCGAGTGTGCGCCAGCACTCAGCACCTTACTGTCCCATGATTTCTCAGAAATGATTTTCTAGAAG
 TTGTGAACTTCTTGAAAAGCTTGACATTAAGAGTGAAGATGAAAAGACTGAATTTTTCAAATTTCTGCT
 GGACCGAGTGAGCTGCCTGTCAGAAATAAATAGCTTCAAGATTGGTGCCTCTTCTGCTTAACCGACTG
 GTGTTTGTGAGCCAGTAGCTGTTAAGAGCTTTCTCCCTATCTACTTGGTCTAAAAAAGAGAACGCAC
 CAGGAGAAACCCCTTGCTTGCTCTGCCAGCGCTGTTCCAGTCCCGAGTGATCCCTGTGCTTCTCCGGCT
 GTTCGAGGTGCACGAGGAGCACGTGCGGATGGTGTACTGTCCACATCGAGGCCACGTGGAGCACTTC
 ACTCAGGAACAGCTAAAGAAAGTCATCCTGCCACAGTACTACTGGCCCTTCGTGATACCAGCAATTCCA
 TTGTGGCAATTACTCTCCGTAGCCTGGCAGTGTGGTGTCTTTACTTGGACCAGAAGTGGTTGTGGGAGG
 AGAACGAACCAAGATCTTAAGCGCACCGCTCCAAGCTTACCAAAACTAGTGACCTTTCCCTGAAGGT
 TCTCCCATGCATGTTGTCTGCAGCCAGCAGAGTCGGGTCTCAAAAAGTCTTGGAGGACCCCTCGTCTAACG
 TATTCCTAAATGGTTGTCTGGCAACGTGCCAGCAGCAGCAGGAAGCGCATACAGGAAGAATGTTACAG
 CTCTCTCTCACAGACAGGTGATCAGTTTTCTCACACCATTAATTCCTATGAATGGACTCTCAGATGTG
 AAAAACACTTCAGAGGACAATGGAAGCTTCCCTGCAGGTTCTAATAAGCCCGAGGAGTGGCCTGACTGGA
 GCGAGCCTGAGGAGCCTGAGCAGCAGCCTGCCAGTATTCACAGATGGCCCGAGAACCCCTGTGATGTAGC
 AGAGTCCCAGCACACAAACCTGACCGCAGAGGAGGTGACCTGGGATGATGGTGGAGCTAGCTTTGGCACT
 GAAATAAACTCAACAGCTACAGCCTCTGCTCCTGTGCCTGTTACCTCAGGGGGACAGTCAACCTCTGCAG
 CTTTGGTTCTCTCACTGAAGAGTCAAAGCCTTTGCAATCCAGTCTTCTCAAAGACCAGTCATAGACA
 GCATGAGGAAGTCAAACCACCCCAAGTGTCAAGAAAGACCCCTGAAGGCTCCGTGAGGACTTGGTTTG
 GGAGAAGAGTTTACCATTCAAGTAAAAAAGAACAGTACAAGACCCGGAGTTGGACTGGTTTGCAGATA
 TGATCCCAGAAATTAAGCCTTCAGTACTTTTCTATTCTGCCTGAACTAAGGACAGAAGTATGATGTTCCC
 TGACAAGGATAACGTCTCATCACTGATGCAGTTTTCTCAAAGTTTGTGCAACAGAAATGACCGAGGGA
 GAGGCAGAAGGCTGGGAAGGAGAAGAGCTAGCCTGGGAAGATAACAACCTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001286003
- Insert Size:** 1524 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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: [NM_001286003.1](#), [NP_001272932.1](#)

RefSeq Size: 4411 bp

RefSeq ORF: 1524 bp

Locus ID: 240880

UniProt ID: [Q9DBQ7](#)

Cytogenetics: 1 H2.1- H2.2

Gene Summary: May play a role in regulating cell adhesion/migration complexes in migrating cells.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) uses an alternate 5' structure and initiates translation at a downstream start codon, compared to variant 1. The encoded protein (isoform 3) has a shorter N-terminus than isoform 1. Both variants 3 and 4 encode the same isoform.