

Product datasheet for **MC228772**

Scyl3 (NM_001286002) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scyl3 (NM_001286002) 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: >MC228772 representing NM_001286002
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGATCAGAGAACAGCGCTTTAAAGAGCTACACACTGAGGGAGTCTCCTTTTACCTTACCATCTGGAC
 TTGCTGTTTATCCCGCCATATTGCAAGATGGGAAATGTGCTTCCGTGTTGTATATAAGCGAGAAAATGA
 AGACAAGGTTAAACAAGGCTGCCAAGCACTTAAAGACACTCCGTCACCCCTTGCTTGCTAAGATTTTTATCT
 TGTACTGTGGAAGCAGATGGCATTACCTCGTCACTGAGAGAGTGCAGCCTCTGGAAGTGGCCTTGGA
 CCCTGTCTCCTGCAGAAGTCTGTGCTGGAATCTATGACATACTGCTGGCTCTTATCTTCTTCATGACAG
 AGGACATTTGACACACAACAATGTCTGCCTGTCGTCTGTTTTTGTGAGTGAGGATGGGACTGGAAGCTT
 GGAGGCATGGAGACTGTTTGCCAAGTTCCTCAGGCCACGCCAGAGTTTCTCAGGAATATCCAGTCAGTAA
 GAGACCCAGCATCCATTCTCCTGAGGAGATGTCTCCAGAATTTTCAGGCCTTCCCGAGTCCCACGGCCA
 CGCCCGGATGCCTATGCCTTTGGAGCTTTGGTGGACAGCTTGCTCCCCATCTTCAATGAGCAGGTTTCA
 GCGGACGTTCTCTCCAGCTTCTACAGATCCTGCACTCAGCTCTGCTGAACCCCATGCCGAGTGTCCGGC
 CAGCACTCAGCACCTTACTGTCCATGATTTTCTCAGAAATGATTTTCTAGAAGTTGTGAACTTCTTGAA
 AAGCTTGACATTAAGAGTGAAGATGAAAAGACTGAATTTTTCAAATTTCTGCTGGACCGAGTGAGCTGC
 CTGTGAGAAGAATTAATAGCTTCAAGATTGGTGCCTCTCTGCTTAACCAGCTGGTGTGCTGAGCCAG
 TAGCTGTTAAGAGCTTTCTTCCCTATCTACTTGGTCTAAAAAAGCGCTGTTCCAGTCCCAGTGATCCC
 TGTGCTTCTCCGCTGTTTCGAGGTGCACGAGGACGCTGCGGATGGTGTACTGTCCACATCGAGGCC
 TACGTGGAGCACTTCACTCAGGAACAGCTAAAGAAAGTCATCCTGCCACAGGTACTACTGGCCTTCGTG
 ATACCACCAATTCATTGTGGCAATTAATCTCCGTAGCCTGGCAGTGTGGTGTCTTACTTGGACCAGA
 AGTGGTTGTGGGAGGAGAACGAACCAAGATCTTTAAGCGCACCGCTCCAAGCTTACCAAAAATAAGTGAC
 CTTTCCCTGAAGTTCTCCCATGCATGTTGTCTGCAGCCAGCAGAGTCCGGTCTCAAAAAGTCTTGAGG
 ACCCTCGTCTAACGTATTCCCTAAATGGTGTCTGGCAACGTGCCAGCAGCAGCAGGAAGCGCATACA
 GGAAGAATGTTACAGCTCTCTCACAGACAGGTGATCAGTTTTCTCACACCATTAATTCCTATGAAT
 GGACTCTCAGATGTGAAAAACACTTCAGAGGACAATGGAAGCTTCCCTGCAGGTTCTAATAAGCCCGAGG
 AGTGGCCTGACTGGAGCGAGCCTGAGGAGCCTGAGCAGCAGCCTGCCAGTATTACAGATGGCCCCGAGA
 ACCCTGTGATGTAGCAGAGTCCCAGCACAAAACCTGACCGCAGAGGAGGTGACCTGGGATGATGGTGAG
 GCTAGCTTTGGCACTGAAATAAACTCAACAGCTACAGCCTCTGCTCCTGTGCCTGTTACCTCAGGGGAC
 AGTCAACCTCTGCAGCTTTGGTTCTCTACTGAAGAGTCAAAGCCTTTGCAATCCAGTCCCTCCTCAA
 GACCAGTCATAGACAGCATGAGGAAGTCAAACCACCCCAAGTGTCAACAAGAAAGCCCTGAAGGCTCCG
 TCAGGACTTGGTTTGGGAGAAGAGTTTACCATTCAAGTAAAAAAGAAGCCAGTACAAGACCCGGAGTTGG
 ACTGGTTTGCAGATATGATCCCAGAAATTAAGCCTTCAGGTACTTTTCTTATTCTGCCTGAACTAAGGAC
 AGAAGTGTGGTCCCTGACAAGGATAACGTCTCATCACTGATGCAGTTTTCTCAAAGTTTGTGCAACA
 GAAATGACCGAGGGAGAGGCAGAAGGCTGGGAAGGAGAAGAGCTAGCCTGGGAAGATAACAAC**TGGTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286002
Insert Size: 2169 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:	<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_001286002.1</u> , <u>NP_001272931.1</u>
RefSeq Size:	4160 bp
RefSeq ORF:	2169 bp
Locus ID:	240880
UniProt ID:	<u>Q9DBQ7</u>
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 (2) differs in the 5' UTR and uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded protein (isoform 2) is shorter than isoform 1.