OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCGAGTGTCGGCCAGCACTCAGCACCTTACTGTCCCATGATTTCTTCAGAAATGATTTTCTAGAAG
TTGTGAACTTCTTGAAAAGCTTGACATTAAAGAGTGAAGATGAAAAGACTGAATTTTTCAAATTTCTGCT
GGACCGAGTGAGCTGCCTGTCAGAAGAATTAATAGCTTCAAGATTGGTGCCTCTTCTGCTTAACCAGCTG
GTGTTTGCTGAGCCAGTAGCTGTTAAGAGCTTTCTTCCCTATCTACTTGGTCCTAAAAAAGAGAACGCAC
CAGGAGAAACCCCTTGCTTGCTCTCGCCAGCGCTGTTCCAGTCCCGAGTGATCCCTGTGCTTCTCCGGCT
GTTCGAGGTGCACGAGGAGCACGTGCGGATGGTGTTACTGTCCCACATCGAGGCCTACGTGGAGCACTTC
ACTCAGGAACAGCTAAAGAAAGTCATCCTGCCACAGGTACTACTGGGCCTTCGTGATACCAGCAATTCCA
TTGTGGCAATTACTCTCCGTAGCCTGGCAGTGCTGGTGTCTTTACTTGGACCAGAAGTGGTTGTGGGAGG
AGAACGAACCAAGATCTTTAAGCGCACCGCTCCAAGCTTCACCAAAACTAGTGACCTTTCCCCTGAAGGT
TCTCCCATGCATGTTGTCTGCAGCCAGCAGAGTCGGGTCTCAAAAGTCTTGGAGGACCCCTCGTCTAACG
TATTCCCTAAATGGTTGTCTGGCAACGTGCCCAGCAGCAGCAGGAAGCGCATACAGGAAGAATGTTACAG
CTCTCTCTCACAGACAGGTGATCAGTTTTCTCACACCATTAAATTCCCTATGAATGGACTCTCAGATGTG
AAAAACACTTCAGAGGACAATGGAAGCTTCCCTGCAGGTTCTAATAAGCCCGAGGAGTGGCCTGACTGGA
GCGAGCCTGAGGAGCCTGAGCAGCAGCCTGCCAGTATTCACAGATGGCCCCGAGAACCCTGTGATGTAGC
AGAGTCCCAGCACACAAACCTGACCGCAGAGGAGGTGACCTGGGATGATGGTGAGGCTAGCTTTGGCACT
GAAATAAACTCAACAGCTACAGCCTCTGCTCCTGTGCCTGTTACCTCAGGGGGACAGTCAACCTCTGCAG
CTTTGGTTCCTCTCACTGAAGAGTCAAAGCCTTTGCAATCCAGTCCTTCCTCAAAGACCAGTCATAGACA
GCATGAGGAAGTCAAACCACCCCAAGTGTCACAAGAAAGACCCCTGAAGGCTCCGTCAGGACTTGGTTTG
GGAGAAGAGTTTACCATTCAAGTAAAAAAGAAGCCAGTACAAGACCCGGAGTTGGACTGGTTTGCAGATA
TGATCCCAGAAATTAAGCCTTCAGGTACTTTTCTTATTCTGCCTGAACTAAGGACAGAAGTGATGGTCCC
TGACAAGGATAACGTCTCATCACTGATGCAGTTTTCCTCAAAGTTTGCTGCAACAGAAATGACCGAGGGA
GAGGCAGAAGGCTGGGAAGGAGAAGAGCTAGCCTGGGAAGATAACAACTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-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).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US