

## Product datasheet for MR204166

### Sc5d (NM\_172769) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sc5d (NM_172769) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sc5d
Synonyms:	A830037K02; A830073K23Rik; Sc5dl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204166 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGACCTGGTTCTCAGTGCCGCCGATTACTACTTCTTCACTCCGTATGTATATCCAGCCACGTGGCCTG  
AGGACAACATCATCCGACAACTATTAGCCTCCTGATTGTCACAAACCTGGGTGCTTACATTCTCTACTT  
CTTCTGTGCAACCCTCAGCTATTATTTTGTCTATGATCATTCTTAATGAAACACCCACAGTTTTTAAAG  
AACCAAGTCTCGCGTGAGATCGTGTTCAGTCAAGTCTTGCCTGGATCAGCATCCCCACCGTCTCAC  
TATTCCTGCTGGAGCTGAGGGTTACAGCAAACCTACGATGACATCGGAGACTTCCAAATGGCTGGAT  
TCATCTCATGGTTAGCGTCGTATCCTTCCTCTTTTTACAGACATGTTGATCTACTGGATTCATAGGGGC  
CTGCACCACAGACTGGTCTACAAGCGCATACATAAACCACATCATATTTGGAAGATCCCCACGCCGTTTG  
CAAGTCATGCTTTTACCCTGTGGACGGCTTCCTTCAGAGTCTGCCTTACCATATATACCCCTTTGTCTT  
TCCACTGCACAAGGTGGTCTACTTAGGTTTATATGTCTTGGTTAATGTCTGGACAATTTCTATTCATGAT  
GGTGATTTTCGGGTTCCCGAGATCTTAAGGCCATTTAATACGGGTCAGCTCACCACACAGACCACCACA  
TGTTCTTTGACTATAACTATGGACAGTATTTACATTGTGGGATAGAATTGGAGGCTCTTTTAAACATCC  
TTCCTCTTTTGAAGGAAAGGACCACATAGTTACGTGAAGAACATGACAGAAAAAGAATCTAACAGCTTT  
GCAGAAAACGGCTGTAAGGCCAAAAAGTAAGCAATGGAGAGTTTACAAAGAATAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_172769.1](#), [NM\\_172769.2](#), [NP\\_766357.1](#)

**RefSeq Size:** 2249 bp

**RefSeq ORF:** 900 bp

**Locus ID:** 235293

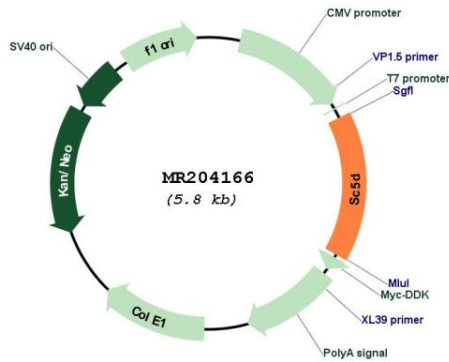
**UniProt ID:** [O88822](#)

**Cytogenetics:** 9 A5.1

**MW:** 35.1 kDa

**Gene Summary:** Catalyzes a dehydrogenation to introduce C5-6 double bond into lathosterol. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR204166