

Product datasheet for **RN209913**

Smyd5 (NM_001107870) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smyd5 (NM_001107870) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smyd5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209913 representing NM_001107870 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCCTCCATGTGCGACGTGTTCTCTTCTCGTGGGCGTGGCAGGCGGTGCCCGGGGCTCCGTGG
AAGTCCGTTTTGTGAGCAGCGCCAAGGGAAGGGACTGTTGCCACACAGCTGATTCGGAAGGGAGAGAC
CATCTTCATCGAAAGACCGCTAGTAGCTTCACAGTTTCTCTGGAATGCACTTTATCGGTACCGGGCCTGT
GACCACTGTCTTCGGGCACTGGAGAAGGCAGAGGAGAATGCCAGAGGCTGACTGGGAAACCAGGCCAGG
TTCTACCACACCCAGAGCTATGCAGTGTGCGCAAGGACCTCCACCAGAACTGCCCCGCTGCCAGGTGAC
GTACTGCAGTGCAGAGTGTGCGCTGGCAGCTGCAGAGCAGTACCACCAGATCCTGTGCCAGGCCCATCC
CAGGATGACCCCCGGCACCCCTCAATAAGCTGCAGGAGGCATGGAGGAGTGTCACTATCCTCCTGAGA
CTGCGAGTATAATGCTGATGGCCCGGATGGTAGCCACAGTGAAGCAGGCCAAGGACAAGGACCACTGGGT
CAGGCTCTTCTCCATTCTGCAGCAAGACAGCCAATGAGGAGGAGGAAATTGTCCACAACTCCTGGGG
GACAAATTCAAGGGCCAGCTGGAATTCTGCGTAGGCTCTTCACAGAGGCCCTTTATGAGGAGACCTCA
GTCAGTGGTTCACACCAGATGGATTCGGTCTCTTTGCCCTTGTTGGGACCAACGGTCAAGGGATTGG
AACCAGTTCCTCAGTCAGTGGGTACATGCCTGTGATGCACTGGAGCTGAAGCCTCAGGAACGGGAACAG
CTAGACACCTTCATTGACCACTGTACAAGGACATCGAGGCAGCAACCGGAGAGTTCCTTAAGTGTGAGG
GATCCGGCCTCTTCGTGCTTCAAAGCTGCTGCAACCACAGCTGTGTCCCAATGCGGAGACCTCCTTCCC
AGAAAACAACTTCCTTTACACGTCACTGCCCTGGAGGATATTGAGCCAGGCGAGGAAATCTGTATCAGC
TACTTAGACTGTGTGAGCGGGAGCGCAGCCGCCATAGCCGCCACAAGATCCTCAGGGAGAACTACTTGT
TCGTCTGTTCTGTCCAAATGCCTGGCAGAGGCTGATGACCCTAACGTGACCTCAGAAGAGGAGGAAGA
GGAAGATGAGGAGGAAGGAGAGCCAGAAGATGCAGAACTAGGGGATGAGATGACTGATGTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001107870
Insert Size:	1254 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:	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_001107870.1, NP_001101340.1</u>
RefSeq Size:	2192 bp
RefSeq ORF:	1254 bp
Locus ID:	312503
Cytogenetics:	4q34