

Product datasheet for **MC210804**

Smim1 (NM_001163721) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Smim1
Synonyms:	061001IH04Rik; 1190007F08Rik; 2700009I11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210804 representing NM_001163721 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGTCCCAGGAGAGTGGTGTTCCTACAGCAGGTGGGACAGCAGCAGCCGGGATGAAGTCAGCATGA
CCGCCATGTCCAGCTCGGAAGAAGCCTCATGCTATAGGAGGATCTCCAGAAGCTGTGCTCTGGCAAGCT
GGGGATAGCCATGAAGGTGCTGGGTGGAGTGGCCCTCTCTGGATCATCTTCATCCTGGGTACATCACT
GGCTACTACGTGCACAAGTGCAAAATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001163721
Insert Size:	237 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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001163721.1 , NP_001157193.1
RefSeq Size:	3454 bp
RefSeq ORF:	237 bp
Locus ID:	68859
UniProt ID:	P0C8K7
Cytogenetics:	4 E2
Gene Summary:	<p>Regulator of red blood cell formation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.</p>