

Product datasheet for **MC227242**

Smap1 (NM_001290683) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Smap1 (NM_001290683) Mouse Untagged Clone
Tag: Tag Free
Symbol: Smap1
Synonyms: 1700056O10Rik; 4921514B13Rik; 4921525H11Rik; AI462175
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227242 representing NM_001290683
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCAAGATATGGGAAATACTAAAGCAAGACTACTTTATGAAGCCAATCTTCCAGAGAAGTTTCGAAGAC
CACAGACAGATCAAGCAGTAGAGTTTTTCATCAGAGATAAATATGAAAAGAAGAAATACTATGATAAAAA
TGCAATAGCTATCACAAATAAGAAAAGGAAAAAAAAAAGGACGAGAAAAAGAGAAAAAGGAGCCAGAA
AAGCCTGCAAAACCACTAACAACGGAAAAGCTGCCGAAGAAAGAAGAGCAACAACCTTGAGCCTAAGAAAA
GCACCAGCCAAAAAATGCTGCAGAGCCCACTATTGATCTTCTAGGACTTGATGGTCTGCTGAGGCACC
CGTGACCAATGGAAACCCAGCCACAGCGCCAGCCCTGAGTGATGATCTGGACATTTTTGGACCAATGATT
TCTAACCCTTTACCTGCAGCTGTCTATGCCCGGCTCAGGGGACTGCCTCCGTACCAGCACCTGCTACCC
TGTCTACCGTTACATCTGGGGACCTGGATCTGTTACTGAGCAAACACAAAGTCAGAAGAAGTAGCAA
GAAACAACCTCTCAAAGACTCCATCTTATCTGTATGGTACAGGAGCACAGCAAAGCACTCCTGGTGTG
TTTATGGGACCCACAAATATACCATTTACCTACAAGCACCGACTGCATTTCAAGGTTTTCTTCCATGG
GCGTCCCAGTGCCTGCAGCTCCCGTCTTATAGGAAATATGATGGGACAGAATACTGGCATGATGGTGGG
CATGCCCATGCACAATGGGTTTCATGGGAAACGCACAGACTGGAGTGATGCCACTTCTCAGAATGTTGTT
GGCCCTCAGGGAGGAATGGTGGGACAAATGGGTGCACCACAGAGTAAGTTCGGCTTGCCACAAGCCAGC
AGCCTCAGTGGAACTCTCACAGATGAATCAGCAGATGGCTGCCATGAACCTCAGTAGTCTAACGCTAG
TGCAGGTTTTGGCCAGCCTCCCAGCACGACAGCGGTGGTCTGGAAGCTCATCGGGCAGACGCTGAGC
ACACAGCTGTGGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290683



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Insert Size:	1068 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_001290683.1, NP_001277612.1</u>
RefSeq Size:	2097 bp
RefSeq ORF:	1068 bp
Locus ID:	98366
UniProt ID:	<u>Q91VZ6</u>
Cytogenetics:	1 A5
Gene Summary:	GTPase activating protein that acts on ARF6. Plays a role in clathrin-dependent endocytosis. May play a role in erythropoiesis.[UniProtKB/Swiss-Prot Function]