

Product datasheet for MC215767

Smap1 (NM_028534) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Smap1 (NM_028534) 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: >MC215767 representing NM_028534
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGACAGCTCCTGTCTGGGAGAAGGCTCAGAAGCTGAACGAGCAGCACCAGCTCATCCTGTCCAAAC
 TGCTGAGGGAGGAGGACAACAAGTACTGCGCCGACTGCGAGGCCAAAGGTCCCGATGGGCTTCTGGAA
 TATTGGTGTGTTATTTGCATCAGATGTGCTGGAATTCATAGAAATCTTGGGGTTCATATATCCAGAGTC
 AAGTCAGTCAACCTAGACCAATGGACACCAAGACAGATACAGTGCATGCAAGATATGGGAAATACTAAAG
 CAAGACTACTTTATGAAGCCAATCTTCCAGAGAACTTTCGAAGACCACAGACAGATCAAGCAGTAGAGTT
 TTTTCATCAGAGATAAATATGAAAAGAAGAAATACTATGATAAAAAATGCAATAGCTATCACAAATAAGAA
 AAGGAAAAAAAAAAGGACGAGAAAAAGAGAAAAAGGAGCCAGAAAAAGCCTGCAAAACCACTAACACCG
 AAAAGCTGCCGAAGAAAGAGCAACAACCTTGAGCCTAAGAAAAGCACCAGCCCAAAAAATGCTGCAGA
 GCCCACTATTGATCTTCTAGGACTTGATGGTCTGCTGAGGCACCCGTGACCAATGGAAACCCAGCCACA
 GCGCCAGCCCTGAGTGTATGATCTGGACATTTTGGACCAATGATTCTAACCCCTTACCTGCAGCTGTCA
 TGCCCCGGCTCAGGGGACTGCCTCCGTACCAGCACCTGCTACCCTGTCTACCCTTACATCTGGGACCT
 GGATCTGTTTACTGAGCAAACTACAAAGTCAGAAGAAGTAGCAAAGAAACAACCTCCTCAAAGACTCCATC
 TTATCTCTGTATGGTACAGGAGCACAGCAAAGCACTCCTGGTGTGTTTATGGGACCCACAAATATACCAT
 TTACCTCACAGCACCAGCTGCATTTCAAGTTTTCTTCCATGGGCGTCCCAGTGCCTGCAGCTCCCGG
 TCTTATAGGAAATATGATGGGACAGAATACTGGCATGATGGTGGGCATGCCATGCACAATGGGTTTCATG
 GGAAACGCACAGACTGGAGTGTGCCACTTCTCAGAATGTTGTTGGCCCTCAGGGAGGAATGGTGGGAC
 AAATGGGTGCACCACAGAGTAAGTTCGGCTTGCCACAAGCCAGCAGCCTCAGTGAACCTCTCACAGAT
 GAATCAGCAGATGGCTGCCATGAACCTCAGTAGTCTAACGCTAGTGCAGTTTTGGCCAGCCTCCCAGC
 ACGACAGCAGGGTGGTCTGGAAGCTCATCGGGCAGACGCTGAGCACACAGCTGTGGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_028534
Insert Size:	1323 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.
RefSeq:	<u>NM_028534.3</u> , <u>NP_082810.1</u>
RefSeq Size:	2367 bp
RefSeq ORF:	1323 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]