

Product datasheet for **SC112623**

SMAP (C11orf58) (NM_014267) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMAP (C11orf58) (NM_014267) Human Untagged Clone
Tag:	Tag Free
Symbol:	SMAP
Synonyms:	IMAGE145052; SMAP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112623 sequence for NM_014267 edited (data generated by NextGen Sequencing)

```
ATGAGTGCTGCCAGAGAGTCTCACCCGCATGGGGTGAAGCGTTCAGCCTCCCCAGACGAC
GATCTGGGATCTAGCAATTGGGAGGCAGCAGACTTGGGTAAATGAAGAGAGAAAACAAAAG
TTCTTGAGACTTATGGGTGCAGGAAAGAAAGAACAATACTGGTCGTCTTGTATAGGAGAT
CACAAATCAACATCTCACTTCCGAACCGGGGAAGAAGACAAGAAAATTAATGAAGAACTG
GAGTCTCAATATCAGCAAAGTATGGACAGTAAATTATCAGGAAGATATCGGCGACATTGT
GGACTTGGCTTCAGTGAGGTAGAAGACCATGATGGAGAAGGTGATGTGGCTGGAGATGAT
GATGATGACGATGATGATTCACCTGATCCTGAAAGTCCAGATGATTCTGAAAGCGATTCA
GAGTCAGAGAAAAGAAGAATCTGCTGAAGAAGTCCAAGCTGCTGAGCACCCCTGATGAAGTG
GAGGATCCAAAAACAAAAAGATGCAAAAAGCAATTATAAAATGATGTTTGTAAATCC
AGTGGTTCATAA
```

Clone variation with respect to NM_014267.5



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_014267 unedited CACTATTTTGTAAATACGACTCACTATAGGGCGGCCGCAATTCGCACGAGGTTTTTCGTC GGGATCCCCGCAAGGATGAGTGTGCCAGAGAGTCTACCCGCATGGGGTGAAGCGTTCA GCCTCCCAGACGACGATCTGGGATCTAGCAATTGGGAGGCAGCAGACTTGGGTAATGAA GAGAGAAAACAAAAGTTCTTGAGACTTATGGGTGCAGGAAAGAAACAATACTGGTCGT CTTGTTATAGGAGATCACAATCAACATCTCACTCCGAACCGGGGAAGAAGACAAGAAA ATTAATGAAGAAGTGGAGTCTCAATATCAGCAAAGTATGGACAGTAAATTATCAGGAAGA TATCGGGCAGATTGTGGACTTGGCTTCAGTGAGGTAGAAGACCATGATGGAGAAGGTGAT GTGGCTGGAGATGATGATGATGACGATGATGATTCACCTGATCCTGAAAGTCCAGATGAT TCTGAAAGCGATTAGAGTCAAGAGAAAGAAATCTGCTGAAGAACTCCAAGCTGCTGAG CACCCTGATGAAGTGGAGGATCCAAAAACAAAAAGTCAAAAAAGCAATTATAAAATG ATGTTTGTAAATCCAGTGGTTCATAACTCCAAACGCTTAGTCTTTGTATTAAGTAA GCCCTTATTGTTACCATGCACAGTGGNAGACTGCTTATAGACACAGACCTTTGTATTAT AATTTTTTAAAAGCCCCCTTTAATAATTACCAAGAGTGGTTCGTTAACATGCCATGGG TTACACTNTTATGGGCATGACTATAACCATTTTTGTTAAGAGTTAGAGTTGTATAAACT AGAAATAATACAGTACTCAACTTCTTCTATTACATCATCACCTTTTATTCCCCTAT GGGGAAATCCTCCTTTTGTTCGGAAGCATCTTATATTTCT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_014267 unedited GCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTATGGGAACTGCTCTTTATTTAG ACCTTTGGGACAAAATTAACCTTTGGTCACATATTACTTAAAAAAAATCCAGTTTTACAT ATTTCTAAATAGATAGAATAAATGATCAGAGAATTTCTTCTGTAATAATGGCCAAATT TTATCAAAAATCTAACATACGATACAATCCAAATTATAAAAAGACTACTTGGGATCATAA TATTCCAATGTATGACAGTTATAACTCCATCTTAACAAGTGTGAAAAGTACTTGCTCTC ATGTTGCTTTGGTCCAAAAGAGTAGAGCTAACTCAGTAACAGGAAACTAAGTACCCAATC TTTTGCCAAAATTAATTTAGATTGTGACTGGCAGCAGAAATATCCATAATGAACAGCTCT ACTATAACAAAGAATAATTAAGAATACTTTTCGTGAACATATCAGATCAAAATACAT TTTTATAAGAGAAAAATATGAAGGAAATGATAAAATAGCTATCACAACAAAAAGAGCA TTTCCCCCATAAGGTGAATTAGAGGGTTGATGATGCTAATATGAAAGGAAGTTGAGTACT GTATTTATTTCTATTTTATACAACCTTACTCTNTACAAAAATGGTTATAGTCATGCC ATAAAAGTGTAACCCATGGCATTGAAAGCAACACTCTTTGTAATTATTTAAAAGGGCC TTTTTAAAAATNNATATACAAGGTCTGTGCTCTATAAGCAGTCCCTNCAGTGTGCATTGNT ACAATAAGGCTTTACTTTTATACAAGACTAAAGCGTTGGNGAGTATGAACCACTGGATT NCACAACATCANTTTATAATTGCNTTTTGCATCTTTNNTGTTTTTGGGATCCTNCACNCA TCAGGGTGCTCAGCAGCTGGNAGTTCTCAGCAGATTCTCCTTTTCTGACTCTGATCGCTT TAGAATATCTGGACTTCAGGATCAGTGAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_014267
Insert Size:	1380 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: [NM_014267.3](#), [NP_055082.1](#)

RefSeq Size: 1637 bp

RefSeq ORF: 552 bp

Locus ID: 10944

UniProt ID: [O00193](#)

Cytogenetics: 11p15.2