

Product datasheet for **SC313608**

SMAP1 (AY055003) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | SMAP1 (AY055003) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SMAP1 |
| Synonyms: | SMAP-1 |
| Vector: | <u>pCMV6 series</u> |
| Fully Sequenced ORF: | >NCBI ORF sequence for AY055003, the custom clone sequence may differ by one or more nucleotides ATGGCGACGCGCTCCTGTGCGGGAGAAGGCTCAGAAGCTGAACGAGCAGCACCAGCTCATC CTATCCAAGCTTCTGAGGGAGGAGGACAACAAGTACTGCGCCGACTGCGAGGCCAAAGGT CCTCGATGGGCTTCTGGAATATTGGTGTGTTATTTGCATCAGATGTGCTGGAATTCAT AGAAATCTTGGGTTTCATATATCCAGGGTCAAATCAGTCAACCTAGACCAATGGACAGCA GAACAGATACAGTGCATGCAAGATATGGGAAATACTAAAGCAAGACTACTCTATGAAGCC AATCTTCCAGAGAACTTTGGAAGACCACAGACAGATCAAGCAGTGAATTTTTTCATCAGA GATAAATATGAAAAGAAGAAATACTACGATAAAAAATGCCATAGCTATTACAAATATTTCC TCCTCTGATGCTCCTCTCAGCCTTTGGTATCCTCTCCTTCTCTGCAAGCTGCTGTTGAC AAAAATAAATTGGAGAAAAGAAAAGGAAAAAAAAAGGAAGAGAAAAGAGAGAAAAGGAG CCAGAAAAGCCGGCAAAACCACTTACAGCTGAAAAGCTGCAGAAGAAAAGATCAGCAACTG GAGCCTAAAAAAGTACCAGCCCTAAAAAGCTGCGGAGCCCACTGTGGATCTTTTAGGA CTTGATGGCCCTGCTGTGGCACCAGTGACCAACGGGAACACAACGGTGCCACCCCTGAAC GATGATCTGGACATCTTTGGACCGATGATTTCTAATCCCTTACCTGCAACTGTGATGCCC CCAGCTCAGGGGACACCCTCTGCACCAGCAGCTGCAACCCTGTCTACAGTAACATCTGGG GATCTAGATTTTACTGAGCAAACATAAAAAATCAGAAGAAGTGGCAAAGAAAACAACCTT TCCAAAGACTCCATCTTATCTCTGTATGGCACAGGAACCATTCAACAGCAAAGTACTCCT GGTGTATTTATGGGACCCACAAATATACCATTTACCTCACAAGCACCAGCTGCATTTTCAG GGCTTTCCATCGATGGGCGTGCCTGTGCCTGCAGCTCCTGGCCTTATAGGAAATGTGATG GGACAGAGTCCAAGCATGATGGTGGCATGCCCATGCCAATGGGTTTATGGGAAATGCA CAAACCTGGTGTGATGCCACTTCTCAGAACGTTGTTGGCCCCAAGGAGGAATGGTGGGA CAAATGGGTGCACCCAGAGTAAGTTTGGCCTGCCGAAGCTCAGCAGCCCCAGTGGAGC CTCTCACAGATGAATCAGCAGATGGCTGGCATGAGTATCAGTAGTCAACCCCTACTGCA GGTTTTGGCCAGCCCTCCAGCACAAACAGCAGGATGGTCTGGAAGCTCATCAGGTCAGACT CTCAGCACAACTGTGGAAA |
| Restriction Sites: | Please inquire |
| ACCN: | AY055003 |



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| 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: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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: | AY055003.1 , AAL14714.1 |
| RefSeq Size: | 2304 bp |
| RefSeq ORF: | 2304 bp |
| Locus ID: | 60682 |
| Cytogenetics: | 6q13 |
| Domains: | ArfGap |
| Protein Pathways: | Endocytosis |
| Gene Summary: | The protein encoded by this gene is similar to the mouse stromal membrane-associated protein-1. This similarity suggests that this human gene product is also a type II membrane glycoprotein involved in the erythropoietic stimulatory activity of stromal cells. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008] |