

Product datasheet for **RN205223**

Smarb1 (NM_001025728) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smarb1 (NM_001025728) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smarb1
Synonyms:	MGC116367
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205223 representing NM_001025728 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGATGATGGCGTTGAGCAAGACCTTCGGGCAGAAGCCCGTCAAGTTTCAGCTGGAGGACGACGGGG
AGTTCTACATGATCGGCTCCGAGGTGGGAACTACCTGCGTATGTTCCGAGGTTCTCTGTACAAGAGATA
CCCCTCACTCTGGCGGCGACTAGCCACTGTGGAAGAAAGGAAGAAAATAGTGGCATCGTCACATGACCAT
GGATACACCACCCTGGCCACCAGCGTGACGCTACTGAAAGCCTCAGAGGTGGAAGAGATTCTGGACGGCA
ATGACGAGAAGTACAAGGCTGTGCCATCAGCACAGAGCCCCAACCTACCTCAGGGAACAGAAGGCCAA
GAGAAACAGCCAGTGGGTCCCCACCCTGCCAACAGCTCCCACCATCTGGACGCTGTGCCGTGCTCCACC
ACCATCAATAGGAATCGCATGGGTCGGGACAAGAAGAGAACCTTCCCCTTGTGCTTTGATGACCACGACC
CAGCTGTGATCCATGAGAATGCATCTCAGCCCGAGGTAAGTGGTCCCCATTTCGGCTGGACATGGAGATCGA
CGGGCAGAAGCTGCGAGACGCTTTTACCTGGAACATGAATGAGAAGCTAATGACCCAGAGATGTTTTCA
GAAATACTTTGTGATGACCTGGACTTGAATCCACTGACTTTTGTGCCAGCTATTGCCTCTGCCATTGCAG
AGCAGATCGAGTCTACCCACAGACAGCATCTGGAGGACCAATCTGACCAGCGTGTATCATCAAGCT
GAACATCCATGTGGGGAACATCTCCCTGGTGGACCAAGTTTGAATGGGACATGTCAGAGAAAGAGAAGTCC
CCAGAGAAGTTTGCCTGAAGCTGTGCTCAGAGCTGGGCTTGGGCGGGGAGTTTGTACCACCATTTGCGT
ACAGCATCCGAGGACAGCTGAGCTGGCACCAGAAGACCTATGCCTTCAGTGAGAACCACCTTCCCACAGT
GGAGATTGCCATCCGAAATACTGGAGATGCTGACCAGTGGTGCCCCCTGCTGGAGACACTGACGGATGCT
GAGATGGAGAAGAAGATCCGGGATCAAGACAGGAACACAAGGCGAATGAGGCGTCTTGCCAACTGCC
CAGCCTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001025728
Insert Size:	1131 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_001025728.1</u> , <u>NP_001020899.1</u>
RefSeq Size:	1628 bp
RefSeq ORF:	1131 bp
Locus ID:	361825
Cytogenetics:	20p12