

Product datasheet for **RR205223**

Smarb1 (NM_001025728) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Smarb1 (NM_001025728) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Smarb1
Synonyms: MGC116367
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205223 representing NM_001025728
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGATGATGGCGTTGAGCAAGACCTTCGGGCAGAAGCCCGTCAAGTTTCAGCTGGAGGACGACGGGG
AGTTCTACATGATCGGCTCCGAGGTGGGAACTACCTGCGTATGTTCCGAGGTTCTCTGTACAAGAGATA
CCCCTCACTCTGGCGGCGACTAGCCACTGTGGAAGAAAGGAAGAAAATAGTGGCATCGTCACATGACCAT
GGATACACCACCTGGCCACCAGCGTGACGCTACTGAAAGCCTCAGAGGTGGAAGAGATTCTGGACGGCA
ATGACGAGAAGTACAAGGCTGTGTCATCAGCACAGAGCCCCAACCTACCTCAGGGAACAGAAGGCCAA
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CGGGCAGAAGCTGCGAGACGCTTTTACCTGGAACATGAATGAGAAGCTAATGACCCAGAGATGTTTTCA
GAAATACTTTGTGATGACCTGGACTTGAATCCACTGACTTTTGTGCCAGCTATTGCCTCTGCCATTGCAG
AGCAGATCGAGTCTACCCACAGACAGCATCCTGGAGGACCAATCTGACCAGCGTGTATCATCAAGCT
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GGAGATTGCCATCCGAAATACTGGAGATGCTGACCAGTGGTGGCCCTGCTGGAGACACTGACGGATGCT
GAGATGGAGAAGAAGATCCGGGATCAAGACAGGAACACAAGGCGAATGAGGCGTCTTGCCAACTGCC
CAGCCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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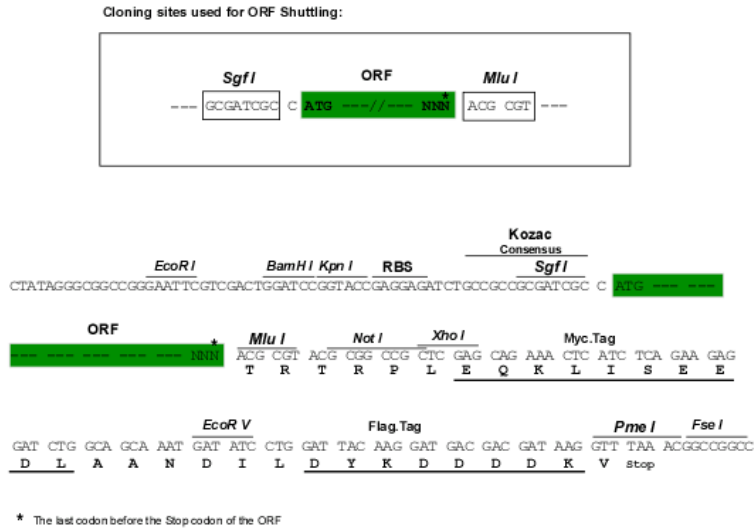
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 GYTTLATSVTLLKASEVEEILDGNDEKYKAVSISTEPPTYLREQKAKRNSQWVPTLPNSSHHLDAVPCST
 TINRNRMRGRDKKRTFFPLCFDDHDPVAVIHENASQPEVLVPIRLDMEIDGQKLRDAFTWNMNEKLMTPMF
 EILCDDLNLNPLTFVPAIASAIRQQIESYPTDSILEDQSDQRVVIKLNHVGNIPLVDQFEWDMSEKENS
 PEKFAKLCSELGLGGEFVTTIAYSIRGQLSWHQKTYAFSENPLPTVEIAIRNTGDADQWCPLLELTDA
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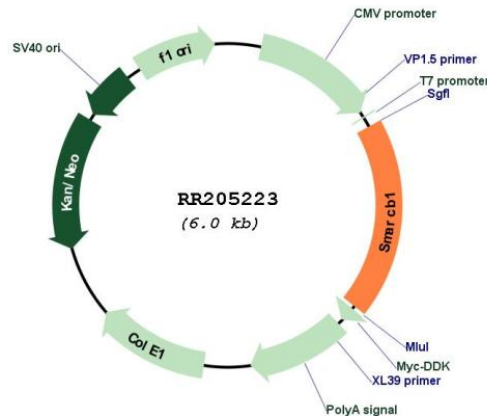
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001025728

ORF Size:	1128 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001025728.1 , NP_001020899.1
RefSeq Size:	1628 bp
RefSeq ORF:	1131 bp
Locus ID:	361825
Cytogenetics:	20p12
MW:	43.2 kDa