

Product datasheet for **RN208504**

Sag (NM_013023) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sag (NM_013023) Rat Untagged Clone
Tag: Tag Free
Symbol: Sag
Synonyms: SAGMR; SANTI
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208504 representing NM_013023
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGCCTGTGTGAAGACCAATAAATCCCATGTCATCTTCAAGAAGGTCTCCCGGGACAAGTCGGTGA
CCATCTACCTGGGAAGAGAGACTATATAGATCACGTGACCAAGTAGAGCCTGTAGATGGTGTGTATT
GGTGGATCCTGAGCTCGTGAAGGGGAAGAAAGTGTATGTCACCCTGACCTGCGCCTCCGCTATGGCCAA
GAGGACATTGATGTGATTGGCCTGACCTCCCGCAGGGACCTGTATTTCTCTCGGGTCCAGGTATATCCTC
CTGTTGGGGCCATGAGTGCCCAACCCAGCTCCAGTTGAGCCTGCTCAAGAACTGGGAGATAACACGTA
CCCATTCTGCTCACGTTCCCTGACTACCTACCCTGCTCAGTGATGTTGCAGCCAGCTCCACAAGATGTA
GGGAAGAGCTGTGGGTTGACTTTGAGGTTAAAGCATTGGCCACAGACATCACAGATGCTGAAGAGGACA
AGATCCCAAGAAGAGCTCTGTGCGGTTACTGATCCGGAAGGTGCAGCATGCCCCACCTGAGATGGGTCC
CCAGCCCTGTGCTGAAGCCTCCTGGCAGTCTTCATGTCTGACAAGCCCTGCACCTCTCAGTCTCCCTC
AGCAAAGAGATATATTTCCATGGGGAGCCCATCCCTGTGACCCTGACTGTGACCAATAACACGGAGAAGG
TTGTGAAGAAGATTAAGTGTGAGTGAACAAATAGCCAATGTGGTTCTCTACTCGAGTATTATTACGT
CAAGCCTGTGGCCTCGGAGGAAACACAGGAAAAAGTGCAGCCAAACAGCACTTTGACCAAGACGCTGGTG
CTGGTGCCCTCCTGGCTAACACAGAGAAAGAAGAGGCATCGCGCTGGATGGGAAGATCAAGCATGAGG
ACACAAACCTGGCCTCCAGCACCATTATCAAGGAGGGCATCGATCGGACCCTCATGGGCATCCTGGTGTC
ATACCATCAAGGTGAAGCTCACGGTGTGAGGCTTTCTAGGAGAGCTCACATCCAGTGAAGTGGCTACT
GAGGTGCCGTTCCGTCTGATGCACCCAGCCTGAGGACCCAGCAAAAGAAAGTGTCCAGGATGAAAATC
TGGTTTTGAAGAGTTTGTCTGACAAAACTGAAAGATACTGGAGAGAATACAGAAGGGAAGAAAGATGA
GGATGCAGGCCAGGATGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013023
Insert Size:	1212 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:	NM_013023.2 , NP_037155.2
RefSeq Size:	1482 bp
RefSeq ORF:	1212 bp
Locus ID:	25539
UniProt ID:	P15887
Cytogenetics:	9q35
Gene Summary:	may act as a GTP/GDP-binding protein; may play a role in signal transduction in the retina [RGD, Feb 2006]