

Product datasheet for RN209192

Si (NM_013061) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Si (NM_013061) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Si
Synonyms:	SUCIMAL
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209192 representing NM_013061 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAAAGAAGAAGTTCAGTGCACTAGAGATCTCTCTGATTGTCCTTTCATCATAGTAACAGCAATAG
CTATTGCTCTTGCACTGTTTTAGCAACCAAGGTGCCAGCTGTGGAAGAAATAAAAAGTCCAACCTCAAC
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ACATGAATGAAGTTTCCAGCTTTATCCAAGGGTCTCTGAATCTGAAGGGTGTACTTCTAATCGTGCTGAA
 CTACCCTCCTTTACTCCTGGTATTCTTGACAAAGTCATGTATTCCAAAACCTTTTGCATGGATGCTGTG
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GGTATAAAAACAAACAGGAGATGAGACTTGGCAGCATCCACATATGGGGGAAAGGAACACTCCGTATCAG
CAATGCTAATTTGGTTTATGGAGGCCGTAACATCAGCCTCCTTTTACTCAAGAGGAAGCTAAGGAGACA
CTAATATTTGACCTGAAAAATATGAATGTTACTCTTGATGAACCAATACAATCACCTGGTCA TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_013061

Insert Size: 5526 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_013061.1](#), [NP_037193.1](#)

RefSeq Size: 6015 bp

RefSeq ORF: 5526 bp

Locus ID: 497756

UniProt ID: [P23739](#)

Cytogenetics: 2q32

Gene Summary: catalyzes the hydrolysis of sucrose and maltose [RGD, Feb 2006]