

Product datasheet for RN217517

Sgo2 (NM_001271191) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sgo2 (NM_001271191) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sgo2
Synonyms:	Sgol2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217517 representing NM_001271191 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTACCCAGGGATAGAAGTACTCTGTTTCCTCTGGAATTAAGAGACGAGTGAAGGATAGAATTG
CAAAGACAAGTTGAATGTTTCTTCTGCTTCAAAGATCAAACAAAAATTTAAACAATCTTCTATTTT
CAAGATCTCTCTAAAGCACACAACAGAGCATTAGCTCGGGCCCTTAGTAAAGAGAAAGAGAATTCTCGA
AGAATCACTACCGAAAAGGTGCAATTACAGAAAAGAAGTAGAGAACTGAATTTTGAGAATACCTTTCTTC
GCTTAAACTAAATAATCTGAATAAGAAGCTGATAGAAAAGAAATCACAAGTGAAGCAATAGTTTGTAAAC
TGCAATTGAAATGAGCAGTCTTTCTGAGTTCATCAAAGTTCTTTCTCCTGTCAGCTAACAAAGAAAAA
AGGGTCAGTAAACAATGCAAGCCTGCACACCTTCCATATGCAAGAGTTCTAATAACTTCAGAAAAATGATG
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ACCTGATAGTACCTCTTCTGTATCAAGACAGTCTTTATCCTTACATCAGTGAATTTGGAAGTATTCCTT
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TCCCAGCCCCATAAAGGAAAAATGTCACTTGGTAATGTGACTAAGAGGAAGAAGTGTGTCTTCAGCT
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AGATCAGGAGAAGCTTCAAATCAAAGGAGGAGCAAACGTATACGACAGATGAGCAGGAGGAAACAAAC



CCTTTCTCCAGATGTTTCAGTCAAATTCCTTCAAGATGGTAAATTTGATCCGTATCAGAACCCTCACT
 GTGATTTAAGTAAGCCTTCTCGGCAGACATTTGTGATTCAAACATCAGAAAAAGATAACTTACTGCCAAA
 CCAAGACAATAAAGAGAACATTTCTGAAAACCTAGAAGATGCAAAATGAATTTTCATATAGCTCATCTTTCC
 ATCAAAGATAATGAAAATGTATGTGACCATGAAACTCAAACAATTTTGGACTTGAAAAAGAAATGTCAATG
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 TACAAACCAAAATAATGAGGATAATGATAAAGATATTCACGTCTAGAAAAAGGCAACTTTCCCTTCCAA
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 CAAGAGACAGTGGAAAGCTTACATGACTGTAAACCCAGAATGTTCTGGATCTGCACAAGCAAATCACTAG
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 GTAATTTCTGAAGTGAATTGTTTTAGTAATGACAGAGATGTCCTTTGTTTCAGAAAAGGATGAGTCTTTCT
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 TAACAAAGATAGTGTGAAGTCATGTGATTTAAGGCTGAACCGTTGTTGGGGTTGAAAAGACATGACCCCT
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 AAACCAAGTAACGAAGAGGAAAATCATGATCTGACTCCAGATCTTTGCTCACTAGTTAAGAAACCAAGGAA
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 TCTTCACAGGAGTCCGTACCTTGGACTCTGGCTTAAAACACGGTCCAAATGAAGCAGATTTGCGCCCTG
 GAGAGCAGACTAACCTGCCAAAGAAGCAGAAAACCAAGCACTGTGAGTACACTGGGAGACGCTTCTCTCT
 GAGTGTGGTAAGAGAAGGAAGCCACCCAGCCAGACAGGTAGTAAAGTGACATCCAAGTCAAAGAAAAGA
 AAGACCCCTCTAAGATCCTCTGATACCCGTGGAGCAGTGGAGAGAACACCAAACACTGATGGCATTACGG
 CAGTTTACTTCCAACAGACTGAGAAGGAGAACTATTTGGAGAATGAGAAAATTGCCAAGATAGCCAGA
 CTTTCGCTCAAAGGTGTTGAAACCTTTATCTGAGATATGTTTCATCTAACATAAAGAATTCTTCTGGGC
 AGTATGTGTGAGAGTTCTGTGCCTTTGAGTACTTTTTCTAGTAAACCCTGATGCTAGAAGAAAGTTCTT
 CCCTGGACAGTACATGCATCTTTCCAGTAGGTGATGGTGCCCATGAAAAGTTAAAGGAAGGCACTCCTAC
 ATCCCACCGCAGGACACAGAAGTCAAGACCAGGTAGCAGAACATCCCTGGTCTTGGTGGATAACAGTTCT
 GTTTCTAGTAACACTGCTAACCTGAAAATGAGTCAGAAAGGCACTTTTACACCAGATGAGGAGGAAAA
 GACAGTGCACCCCTCTCAACCTGACCGAACCAAGCCTTAGAAGCAAGATGAGAAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271191
- Insert Size:** 3489 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271191.1](#), [NP_001258120.1](#)

RefSeq Size: 3778 bp

RefSeq ORF: 3489 bp

Locus ID: 316425

Cytogenetics: 9q31