

Product datasheet for RR203173

Saxo2 (NM_001106277) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Saxo2 (NM_001106277) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Saxo2
Synonyms: Fam154b; RGD1562653
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203173 representing NM_001106277
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGAAGTGGTGTCTGTGCCAGATTTGCACCTGCGGGTCAGATTATCGCCCTTATGAAGTAGTCAAGC
 AGCCTCGCCACATGCCTGAAGAATATAAACCCAAACAGGGGAAATTGATCTTGGTACTACCTACAAGCG
 AGATTTTAAATCCTTACAAAGTACAGCCCGTGGTAAAAGTCCGGCCTGTGGAAAGACAAGAAGTTAAAAA
 GGAAAGTTGGACACTGTCCCAACTATAAAGATGATTATAGATCTTGGGATATTCAGAAATGTGAACTGT
 GTAAACCAGAGCAAGCTTACCATCCCCAGATGTGAAATTCGGAACTCACTACATTTCCAGGATGACTA
 TGTTCCCCGGGAGATACAGCCTAGGCCAAGCTTTAAGCCCTGCTCTGTGGTCAAGTGTCTGTAGGCCCT
 TTTAATGGTGATACAAGTCATCGTCGAGATTATGTACCTCATCAGCTAGAAGTCAAGTTTGAAGGCCAA
 AAGAAGTTTATAAGCCTACTGACCAGCCTTTTGGAGATCTCACCCTCACCAGGATGACTTTCCAGGGTCT
 TACTGGTGAAGTGCAAAAATCTGCAGACCTCCCTATACCAGAGTGACCCAAAACATTCAAGTTTAAAGGA
 AGCACTGAATTCGTGACAGTTTCCAACCGTGGGAAATCCCACCACCCAAAGTGAAGAAAGTAGCAGAGT
 ATGTGCCCTCCTCAGGAAGCATGCAGTTGGACAGCACCAGCCACTTGACTATGTTCCCTACCCGGCCAG
 CCGTGTGTTGCCATTTCGCCAGTTTCTCACAGAAGGCAAGCAATTTTCTTTTCCAAGGAAAGAGCACC
 ATGAAGGAAGATTTTCCAGCATGGGAAAGTTGTCGTCAGGACTTATTAAGCAGCAGCAACAAATTTCCCA
 ACCCATCTGGAAAATTTGAGGGTTTGGCACTTTGAGACTTCTCAGATCTCACTTTGTGCCACATGAATTGATTCCAAC
 AGAGAGCTGCAAACTTTAAATGAAGCTCTAAGAGTTCAAGTTCCACTTGATGATGTCACCATGTATTCT
 ATACAGTTCACACCGAAGAAACAGGAAATCTGCCAGCTAGCTATCCTTCTCTCTCTGTTATATATTTG
 AAAATACAAATTTCCAAGGCATAAATTTCTTCGCAAGATTATTCCTGCAGTGAAGGCCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203173 representing NM_001106277
 Red=Cloning site Green=Tags(s)

MRNWCLCQICTCGSDYRPPYEVVKQPRHMPPEEYKPKQGEIDLGTTYKRDFNPKVQPVVVKVRPVERQEYK
 GKLDTPVPTYKDDYRSWDIQKCELCCKPEQAYHPPDVKFGNSTTFQDDYVPREIQPRPSFKPCSVKCPVGP
 FNGDTSRRDYVPHQLEVKFARPKVEYKPTDQPFEDLTTHRNDFQGLTGETAKICRPPYTRVTQNIQFKG
 STEFRDSFQPWEIPPPKVKKVAEYVPPSGSMQLDSTSHLDYVPYRASRVVAIRPVSHRRQSNFPFQKST
 MKEDFPAWESCRQGLIKQQQIIPNPSGKFELSTFRSHFVPHELIPTESCKPLNEALKSSVPLDDVTMYS
 IQFTPKKQEICPASYPSPPGYIFENTNSQGHKFFRKIIPAVKAF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

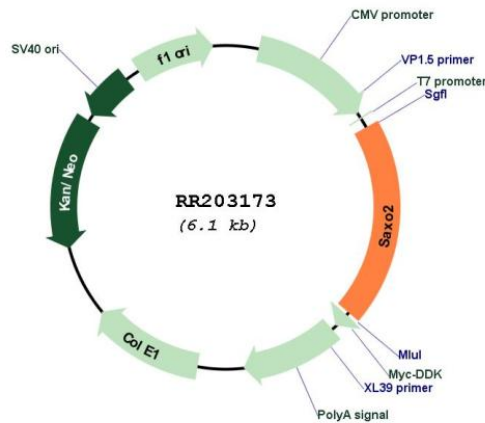
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106277

ORF Size:	1182 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_001106277.1 , NP_001099747.1
RefSeq Size:	2808 bp
RefSeq ORF:	1185 bp
Locus ID:	293061
Cytogenetics:	1q31
MW:	45.6 kDa