

Product datasheet for MC224014

Sash1 (NM_175155) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sash1 (NM_175155) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sash1
Synonyms:	1100001C18Rik; 2500002E12Rik; A330076K04Rik; mKIAA0790
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224014 representing NM_175155 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGAGGACGCGGGAGCTGCTAGCCCGGCCGCGGAGCCTGAGCCGGAGGTGGATCCCGCCCGGGAGC
TGGAGCCCGAGGCGGTGTCTCCGAGTCAATCTCCGCCTCTGGACCGACGTGATGGGCATCCTGGATGG
TTCCCTGGGAAACATTGATGACCTGGCACAGCAGTATGCAGATTATTACAATACCTGCTTTTCTGACGTG
TGTGAGCGGATGGAGGAGCTCCGAAACGCGCGTTCAGGACCTGGATGTGGAGAAACCCGACGCCA
GCCCCACGTCACCTCAGCTGCGGTCCCAGATCGAAGAGTCTTAGGCTTCTGCAGCGCCGTGTCAACACC
AGAAGTGAAAGAAAGTACCCTCTCCATAAATCAAACCTCAGAAGACGGCTGTGTAGGCAAAGGAGATTGG
AAGAAGAAAAATAAATACTTCTGGCAGAATTTCCGAAAGAACCAAAAAGGAATAATGAGACAGACTTCAA
AAGGAGAAGATGTGGGCTATGTAGCCAGCGAGATTACGATGAGTGACGAGGAGCGGATTACAGCTGATGAT
GATGGTCAAGGAGAAAAATGATCACCATTGAAGAAGCGCTCGCCAGGCTGAAGGAATACGAGGCCACGAC
CGTCAGTCATCCACCTTGGACCCCGCAGACTGGCCGATGGCTCCTACCCGACATTGGATGGCTCCTCCA
CCTGCAACTCAAGAGAGCAGTCGGATGATGAGACAGAGGACTCGGTGAAGTTTAAAGAGTTGCACAAGCT
GGTAAACTCTACTCGAAGAGTCAGAAAGAACTAATTAGGGTGAAGAAATGAAAAAGCCAGCACAGAA
GGTGGAGAGGAACATGTATTTGAGAATTCGCCAGTCCAAGATGAAAGATCTGCACTCTACTCTGGAGTGC
ACAAAAAGCCATTTTTCTATGATGGCTCTCCTGAGAAACCTCCAGAAGATGATGCAGACTCTCTACCCC
ATCTCCATCATCCAGCAGCCTGGATACGTGGGAGCTGGCCGGAAGTTGGTCAAAACCTTCCAGCAAGGA
GAGAGTCGGGGCCTGATTAAGCCCCCTAAGAAGATGGGGACATTCTCTCCTATCCAGAAGAAGAGAAGG
CCCAGAAAGTGTCCGCTCCCTCACAGAGGGGAAATGAAGAAAGGTCTTGGGTCTTGGTACACGGGAG
AACCTGCAGTTTGGTGGATTGACCTGACAAACCGTTCTCTGCATGTTGGCAGTAATAATTCTGACCCT
GCGGGTAAAGAGGAGATTTTGTGTACAAGAAGTCATCAAATCCCTCCTGCCCCCGCATCTCTCTCG
GGAAAAAGGTGAGATCAGTGAAGAGACCATGAGGAAGAGGATGTCTAAAAGTACAGCAGCCCGGTCTC
AGAGCAGGACTCGGGGCTCGATGGAATGCCAGCTCCCCGCTCAGGAAAGCCTGACTCCGAACACGTG
GACAAGCCTAAGCTCAAAGCCGGGGGCTCTGTGAAAGCCTTCGGAGTTCTCTGAGTGGCCAGAGCTCAA



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TGAGTGGTCAGACAGTGAGCACCCTGATTCTCCACCAGCAACCGGGAGAGTGTCAAGTCAGAAGATGG
 GGATGACGAAGAGCCACCCTATCGGGTCCCTTCTGTGGGCGTGCCCGAGTGACACTGACTTCACCCCC
 AGTCCCTATGACACGGACTCTCTGAAGCTCAAGAAAGGAGATATCATTGACATAATTAGCAAACCCCA
 TGGGTACTGGATGGGCCTGCTGAACAACAAGTCGGCACGTTCAAGTTCATCTACGTGGATGTGCTAAA
 TGAGGAAGAGGAGAAGCCCAAGCGCCCTACCAGGAGGAGGAAGAAGGGAAGACCATCTCAGCCGAAGTCT
 GTGGAGGATCTCCTGGACCGGATCAACCTGAAAGAACACATGCCACCTTCTGTCAATGGCTATGAAG
 ACCTGGACACCTTCAAACCTCCTGGAGGAAGAAGACTTAGATGAATTAATATCAGGGACCCAGAACACAG
 AGCAGTTCCTTCTGACTGCGGTGGAGCTGTTGCAGGAATATGACAGTAACAGTGACCAGTCCGGTTCAG
 GAAAAGCTGCTGGTGGACAACCAGGGCCTGAGTGGACGATCCCCACGAGACTCCGGATGCTACGAAAGCA
 GCGAGAACTTGGAAAACGCCAAAACCTCACAAACCAGCGTTCTGTCTACCAAGTCGTCCACGGAGTCCAA
 CTTAAAGTCTTTCACCAGGAGTCAGCCAGGCAACTACCCGACATTGCCTTAAATGAAATCAGGGGAGGTG
 CGCAAGCAGGGAGAGGAGGGCAGGCTGGGACGAGGTCTAGCCCCGGACACTGCCAAGAGCTGTGACGTGC
 CCTCTGTGACTGATTTGAGTAAAAACCGAAGGAGCCTCCCGTCTCCATCTGTCGACGTGTGAAACCT
 GGAGGGTCTGAGCCTGTGAAAGTTGGCCCCGATCCCATTCCCTGGATGACCTTCAGGGAGATGCTGAT
 GTTGGCAAGAATGTGCCTACCGAGATGCCAGAAACCTGTTCTCAGAATGTACCAGAAGTGCCGCAGAAGA
 CGTCTGCCTGCACCTCCAAGGCTCTGCCACGAGGCCGAGATCCCACAGCAGATGTGATGCTTCTGACCCA
 AAGCAAGAGATTTTCCGACCCCCGAAAACAATGGCTAAGAAAACCTGGATGGCTCCGTGGTGGCCTCCAAC
 CTTGGGATAGCTCCTCCTCAGTGTATACCAGAGATTTGAGGGCCAGCCGCCTGTTAAACCCGGCTTAA
 CAAGGACGTCTCTTGAGGGTCTCAGAAAAGGACATGATCACACCCCTGGGCACCAAAGAAGGGGTAGA
 CGGGGAGCAGAGCGCCCTGAGACCAGGACACAGTCCCGACATCCGTGCGAGCCCTCCTGTGCCAGCC
 AAGAAAAGCCGAGAGCGCCTGGCCAATGGCCTGCACCTGGTCCCCAGCCAGAGGCACCCATCCTGCCAC
 TGAAGAAAAGCCAGCCCTGCCAGCCAGTCCAGCAGTCCAGCAGTCCCGCTCCTCCCGGAACCCAGGCCTC
 CTCCGGACTGAGCCGGCAGCCAGCCTGTACGAGACCTCACCTGGCTGGCTGAGCTGCCCGAGAGC
 ACTAGCCTGCAGGAGCATGGTGTGAAACTGGGCCAGTCTGAGCAGGAAGGTTTCTGTGTCGGGGTG
 TGGACCTAGAGATGCTCACGGAGAACAAGCTGCAGGCGGAGGGCATTGATCTCACTGAGGAGCCCTACTC
 TGATAAGCATGGCCGTTGTGGGATCCCGGAAGCCCTGGTACAGAGATACGCAGAGGACCTAGAGCAGCCT
 GAGAGGGATGTTGCCACCAACATGGACCAGATCCGGGTGAAGCTGCTTCGGAAGCAACATCGGATGGCGA
 TCCCGAGTGGTGGGCTGACGAAATCTGCAGAAAGCCCTCTCTCCCGGCTGTGTGCGTCCATGTCGGA
 TTGGCTCATCTATCGGCCTGCCATGTACACGAGCACCCCTTCTGACGCAGGGTTCAGCACGCTGAGC
 CAAGTGCCTTCCCTGTCCACTTTCCTTCCAGGAGCCGGCATACCGAGGAGAGACATAAGGAAAC
 TCATAACGGCAGCCAGACTCTTCAAACCTGCCACCAAGCCCTGAGGCTATGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_175155

Insert Size:

3693 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_175155.4](#), [NP_780364.3](#)

RefSeq Size: 7183 bp

RefSeq ORF: 3693 bp

Locus ID: 70097

UniProt ID: [P59808](#)

Cytogenetics: 10 A1

Gene Summary: May have a role in a signaling pathway. Could act as a tumor suppressor.[UniProtKB/Swiss-Prot Function]