

## Product datasheet for **MR219952**

### Sash3 (NM\_028773) Mouse Tagged ORF Clone

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                         |
| Product Name:             | Sash3 (NM_028773) Mouse Tagged ORF Clone                                    |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Sash3                                                                       |
| Synonyms:                 | 1200013B08Rik; AW413946; SLY1                                               |
| Mammalian Cell Selection: | Neomycin                                                                    |
| Vector:                   | pCMV6-Entry (PS100001)                                                      |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                        |
| ORF Nucleotide Sequence:  | >MR219952 representing NM_028773<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTGCGTCGAAACCCTCCAACGCCAGTGACAAAGAGCCCACTCAGAAGAAAAGCTCTCACTTCAGC  
GCTCCAGCAGCTTCAAGGATTTTGCCAAATCGAAGCCAGCTCCCCGTTGGTGAGCGAGAAAGAATTTAA  
CCTGGATGATAATATCCAGAAGATGATTCAGGTGTTCTTACCCCGGAGGATTCTGGGAAGAGTGGCAAA  
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AGGCCTTGTCAGAGGAGATGGGAGACACGCTGGAAGAGGGCTCAGCTTCTCCAACATCTCCAGACTGCAG  
CCTGGACAGCCCCGGGCTGAGAAGATGGCCCTGGCCTTTACTGAGCAGGAGGAGCGTGAGCCGCCATCT  
CTCAGCCGCCAGACATCAACAGGCAGTGAACCTCTGTAGCCCTGGCCCAGGCTCGGGAAGCTTCTAGAGG  
AGTCACCGGCTCCCCAGTACACGGGGCCTTTCTGTGGGCGTGCCCGAGTCCACACTGACTTCACTCCAG  
CCCTTATGACCACGACTCATTGAACTGCAGAAAGGAGATGTGATCCAGATCGTTGAAAAGCCACCTGTG  
GGCAGATGGCTGGGCTGCTCAATGGCAAGCTGGGTTCTTTCAAATTCATCTACGTGGATGTGCTACCCG  
AGGAGGCTGTGGACCTGTACGCCCCAGTCGCCGACAGAGCAAAGGCAAGAGGCCCAAGCCCAAGACTCT  
GCATGAACCTGCTGGAGCGCATTGGCCTAGAGGAACACACATCCACCCTACTGTCAATGGCTACCAGACG  
CTCGAAGACTTCAAAGAGCTGCGGAAACGCACCTCAATGAGCTGAACATCATGGACCCACAACACCGGG  
CCAAGCTGCTCACAGCTGCAGAGCTGCTACTGGACTATGACACTGGCAGTGAAGAGGCTGAAGAGGGTGC  
TGAGAGCAGCCAGGAACCCGTGGCGCACACAGTGTGAGAACCAGGTGGACATCCCACGTGACTCCGGC  
TGCTTTGAGGGCTCAGAGAGTGGGCGTGATGAGGCAGAGCTGGCAGGCACAGAAGAGCAACTGCAGGGTC  
TCTCCCTGTCTGGGGCACCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR219952 representing NM\_028773  
 Red=Cloning site Green=Tags(s)

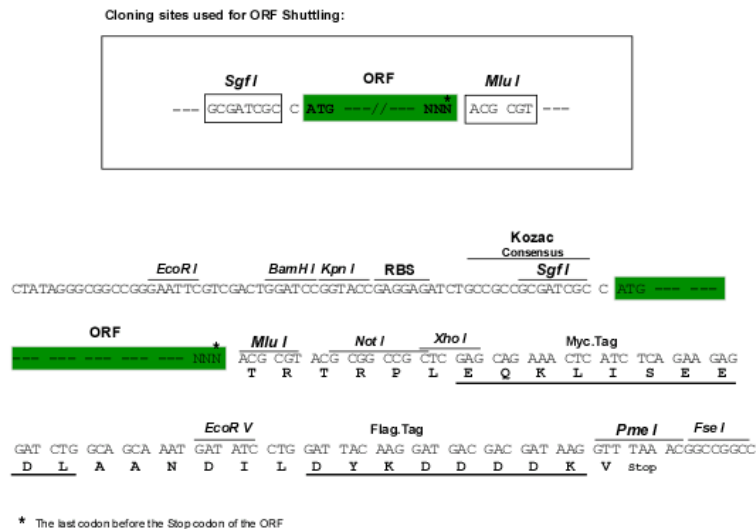
MLRRKPSNASDKPTQKKKLSLQRSSSFKDFAKSKPSSPVVSEKEFNLDNIPEDDSGVLTPEDSGKSGK  
 KLGKKWRAVISRTMNRKMGKMMVKALSEEMGDTLEEGSASPTSPDCSLDSPGPEKMALAFTEQEEREPPS  
 LSRQTSTGSELCSPGPGSGSFLEESAPQYTGPFGRARVHTDFTPSPYDHDLSKLQKGDVIQIVEKPPV  
 GTWLGLLNGKLGSKFKIYVDVLPPEAVGPVRRQSKGKRPKPKTLHELLERIGLEEHTSTLLNGYQT  
 LEDFKELRETHLNELNMDPQHRAKLLTAAELLDDYDTGSEEAEEGAESSQEPVAHTVSEPKVDIPRDSG  
 CFEGSESGRDEAELAGTEEQQLQLSLSGAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9061\\_e01.zip](https://cdn.origene.com/chromatograms/mm9061_e01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_028773

**ORF Size:** 1140 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:**

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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_028773.4](#), [NP\\_083049.1](#)

**RefSeq Size:** 2692 bp

**RefSeq ORF:** 1143 bp

**Locus ID:** 74131

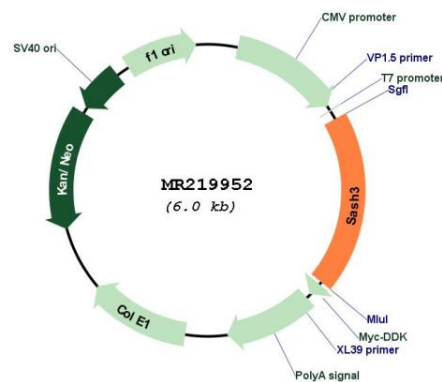
**UniProt ID:** [Q8K352](#)

**Cytogenetics:** X A4

**MW:** 41.6 kDa

**Gene Summary:** May function as a signaling adapter protein in lymphocytes.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MR219952