

Product datasheet for **MR230876**

Gas2l3 (NM_001033331) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gas2l3 (NM_001033331) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gas2l3
Synonyms:	8430435B07Rik; Gm240
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR230876 representing NM_001033331
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACCATGCAGCCTGCAATCCAAGTGTGGTTTGGGAAGATCTGCCTCTAAGTCCCAGGTGTCCTCTGA
CTCCAGACATGGCCCGGACTGGCTGACGTTTGCCAGTATGACGAGTGGATAGCCGTGAGACATGAAGC
CACCTGCTGCCTATGCAGGAAGATCTCTATTTGGTTATCTGGCTTACTAGGTGTTGACATCAAGGCA
GAAAGATTATTGGAAGAGCTCGATAATGGAGTGTGTTGTGTCAGCTAATCAATGTTCTTCAGAACATGG
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GTTCTAAAACCGGAGCCATAGGTCTAGGGACACAGTCTCAGCCACCCACTAGAACGCCGAGGTGAGGAGC
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CAGACAGCGGAGATAAAATGCCCACTGCCAGGAAGAAGGAAGAAGATGACCATTATTTGTTATGCCGG
AAATAAGAAGCTTAGGAAA

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230876 representing NM_001033331
Red=Cloning site Green=Tags(s)

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MTMQPAIQVWFGEDLPLSPRCPLTPRHGPGGLADVCQYDEWIAVRHEATLLPMQEDLSIWL SGLLGVDIKA
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ETYLFESEGLVLHKDPRQVYLCLLEIGRIVSRYGVEPPVLVKLEKEIELEETLLNASGLEESISIPKSCC
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PCRILQFATLEQKILAFQKGVSNESVDPSPARTPOPPEMNPLSAVNMFQKQNLRPGTPVSVPKNKEKQVR
LPGARLPASSVKGNLASSTRAKRPDSPA SFPHPKVTSLKDAAKKTTAPSNSVSQSLASPNPGSKPSTAQ
CASESSRKCVTFPKTAQTKAIPAQNSRDLSKSRLLPSKSPGKMEPKHLKHNHLSSRDESRLNLSKSPKL
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AKATQGSKGKNTVSAKKQPQSKGVC RNPGPSKSPGRTPLSIVTVPQSATKTETVSKSAKTAMKGQYS
AKGPPKSSKPPTSFRDPPSSGKGADSGDKMPTARKKEEDDHYFVMTGNKKLRK
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001033331

ORF Size: 2049 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.

RefSeq: [NM_001033331.2](#), [NP_001028503.2](#)

RefSeq Size: 6745 bp

RefSeq ORF: 2052 bp

Locus ID: 237436

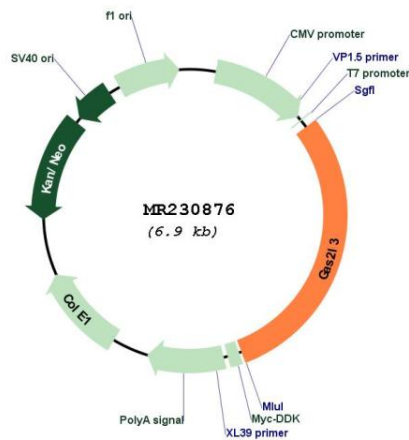
UniProt ID: [Q3UWW6](#)

Cytogenetics: 10 C2

MW: 74.2 kDa

Gene Summary: Cytoskeletal linker protein. May promote and stabilize the formation of the actin and microtubule network (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR230876