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Product datasheet for MR231368

Sulf2 (NM_001252579) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sulf2 (NM_001252579) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sulf2
Synonyms:	2010004N24Rik; AU020235; mKIAA1247; MSulf-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>MR231368 representing NM_001252579
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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Protein Sequence:

>MR231368 representing NM_001252579
Red=Cloning site Green=Tags(s)

MANPEGRGEGIPSSRHHLGLCIQEEAKDQQATPMAPPGLPLWLLSTALLSLLAGSSAFLSHPRLKGRFQR
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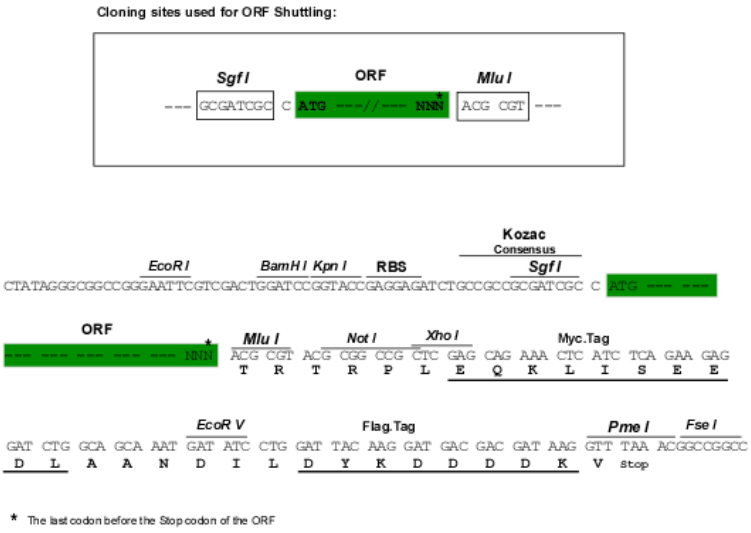
Restriction Sites: SgfI-MluI

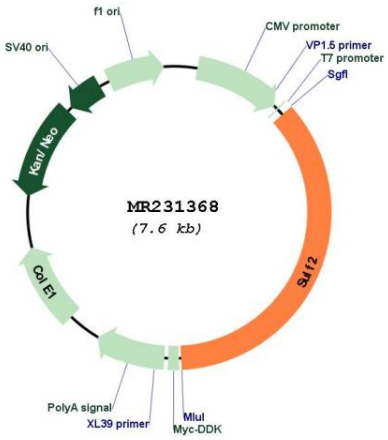
Cloning Scheme:



ACCN: NM_001252579

ORF Size:	2724 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_001252579.1, NP_001239508.1
RefSeq Size:	3794 bp
RefSeq ORF:	2727 bp
Locus ID:	72043
UniProt ID:	Q8CFG0
Cytogenetics:	2 H3
MW:	104.5 kDa
Gene Summary:	Exhibits arylsulfatase activity and highly specific endoglucosamine-6-sulfatase activity. It can remove sulfate from the C-6 position of glucosamine within specific subregions of intact heparin (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR231368