

Product datasheet for MR231813

Shroom2 (NM_001290684) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Shroom2 (NM_001290684) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Shroom2
Synonyms: 4832440C16; Apxl; C630003H05Rik; Shrm2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR231813 representing NM_001290684
 Red=Cloning site Blue=ORF Green=Tags(s)

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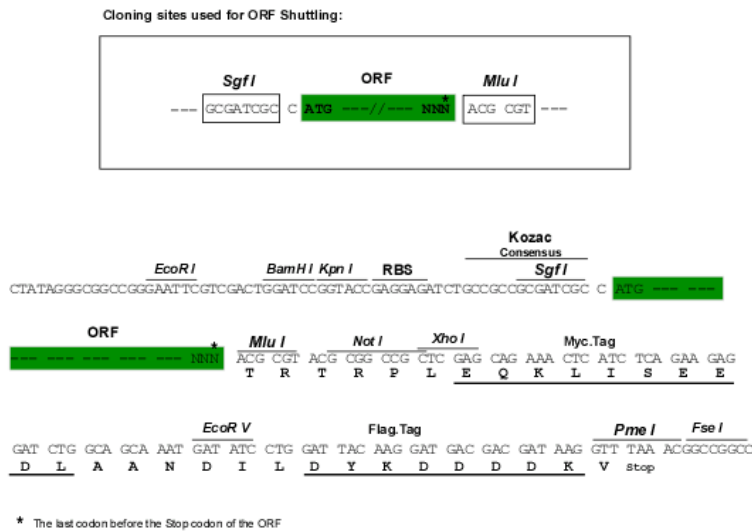
Protein Sequence: >MR231813 representing NM_001290684
Red=Cloning site Green=Tags(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:

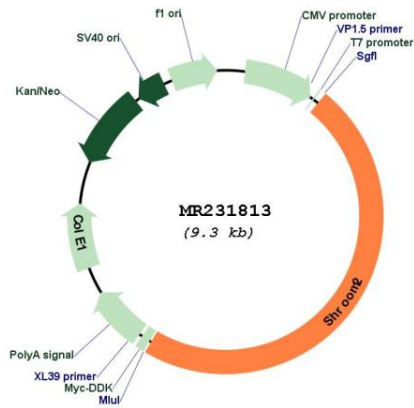


ACCN: NM_001290684

ORF Size: 4443 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_001290684.1 , NP_001277613.1
RefSeq Size:	7501 bp
RefSeq ORF:	4446 bp
Locus ID:	110380
UniProt ID:	A2ALU4
Cytogenetics:	X 68.46 cM
MW:	165.2 kDa
Gene Summary:	May be involved in endothelial cell morphology changes during cell spreading. In the retinal pigment epithelium, may regulate the biogenesis of melanosomes and promote their association with the apical cell surface by inducing gamma-tubulin redistribution. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR231813