

Product datasheet for MR211853

Rev1 (NM_019570) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rev1 (NM_019570) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rev1
Synonyms:	1110027123Rik; AU022044; Rev1l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211853 representing NM_019570 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >MR211853 representing NM_019570
 Red=Cloning site Green=Tags(s)

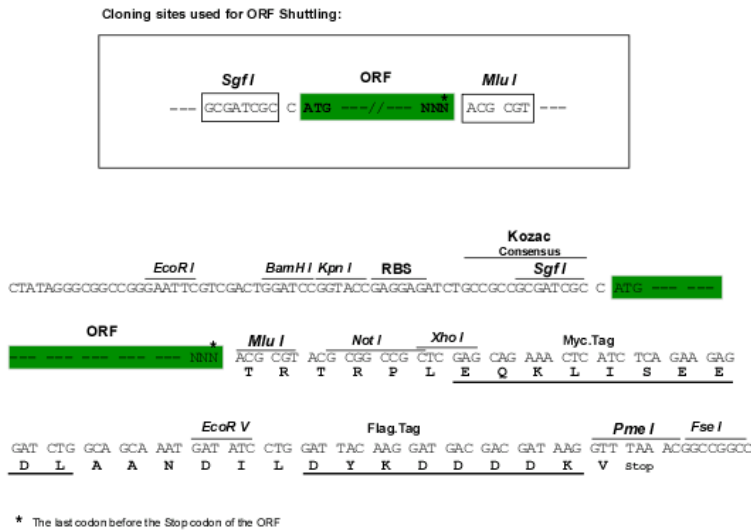
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Chromatograms: https://cdn.origene.com/chromatograms/mm9046_e09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

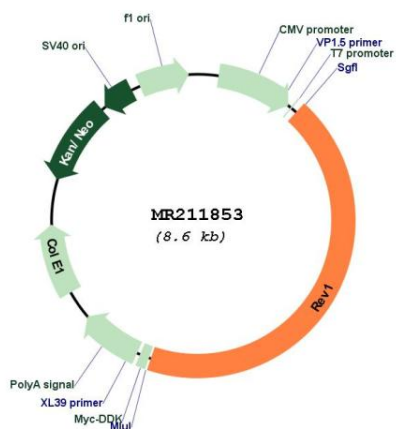


ACCN: NM_019570

ORF Size: 3747 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_019570.4
RefSeq Size:	4279 bp
RefSeq ORF:	3750 bp
Locus ID:	56210
UniProt ID:	Q920Q2
Cytogenetics:	1 B
MW:	137.8 kDa
Gene Summary:	Deoxycytidyl transferase involved in DNA repair. Transfers a dCMP residue from dCTP to the 3'-end of a DNA primer in a template-dependent reaction. May assist in the first step in the bypass of abasic lesions by the insertion of a nucleotide opposite the lesion. Required for normal induction of mutations by physical and chemical agents.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211853