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Product datasheet for MR217922

Mast4 (NM_175171) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mast4 (NM_175171) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mast4
Synonyms:	4930420O11Rik; AI642422; mKIAA0303
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>MR217922 representing NM_175171
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
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Protein Sequence:

>MR217922 representing NM_175171
Red=Cloning site Green=Tags(s)

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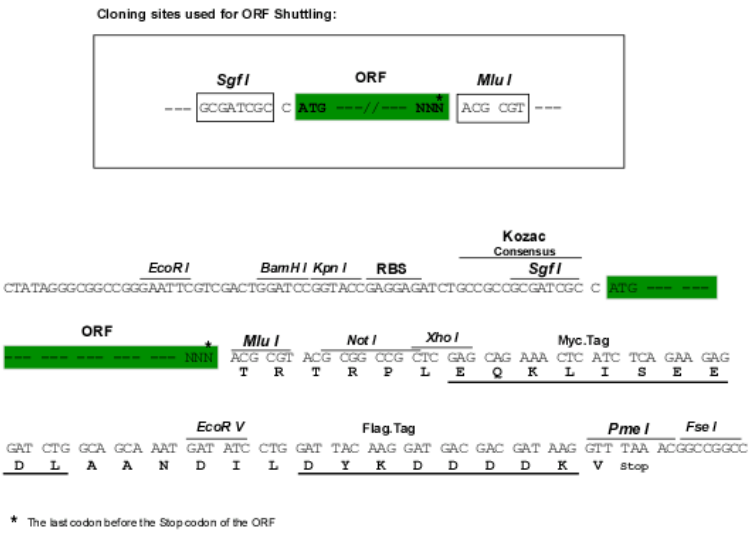
Chromatograms: https://cdn.origene.com/chromatograms/mm9107_d01.zip

Restriction Sites: SgfI-MluI

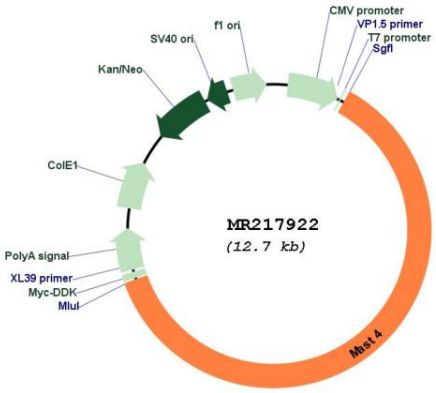
Cloning Scheme:



ACCN:	NM_175171
ORF Size:	7854 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_175171.3, NP_780380.2
RefSeq Size:	10671 bp
RefSeq ORF:	7857 bp
Locus ID:	328329
UniProt ID:	Q811L6
Cytogenetics:	13 D1
MW:	284 kDa

Product images:



Circular map for MR217922