

Product datasheet for MR224637

Lmtk2 (NM_001081109) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lmtk2 (NM_001081109) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lmtk2
Synonyms:	2900041G10Rik; A330101P12Rik; aatyk2; BREK; cprk; KPI-2; KPI2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224637 representing NM_001081109 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >MR224637 representing NM_001081109
 Red=Cloning site Green=Tags(s)

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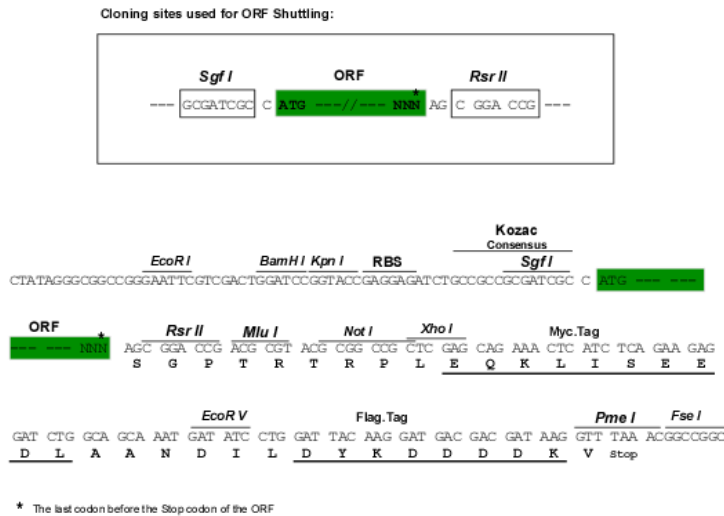
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Chromatograms: https://cdn.origene.com/chromatograms/ja1813_h10.zip

Restriction Sites: SgfI-RsrII

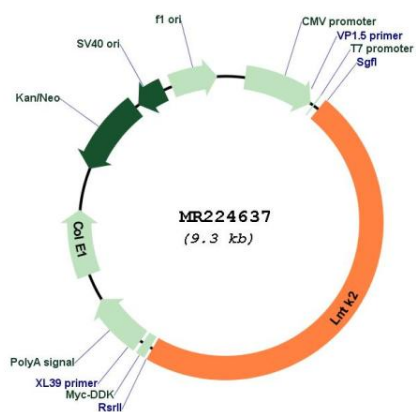
Cloning Scheme:



ACCN: NM_001081109

ORF Size:	4413 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_001081109.2
RefSeq Size:	8114 bp
RefSeq ORF:	4416 bp
Locus ID:	231876
UniProt ID:	Q3TYD6
Cytogenetics:	5 G2
MW:	161 kDa
Gene Summary:	Phosphorylates PPP1C, phosphorylase b and CFTR.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224637