

Product datasheet for MR220069L3

Matk (NM_010768) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Matk (NM_010768) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Matk

Synonyms: CHK; HYL; Ntk; p56ntk

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Sgfl-Mlul

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR220069).

Sequence:

Restriction Sites: Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_010768

ORF Size: 1515 bp



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Matk (NM_010768) Mouse Tagged Lenti ORF Clone - MR220069L3

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: <u>NM 010768.1</u>, <u>NP 034898.1</u>

 RefSeq Size:
 1734 bp

 RefSeq ORF:
 1518 bp

 Locus ID:
 17179

 UniProt ID:
 P41242

 Cytogenetics:
 10 C1

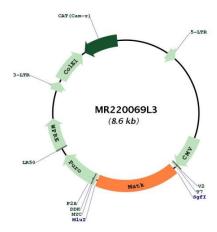
Gene Summary: Could play a significant role in the signal transduction of hematopoietic cells. May regulate

tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an

inhibitory role in the control of T-cell proliferation.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR220069L3