

Product datasheet for MR212093

Nes (NM_016701) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nes (NM_016701) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nes
Synonyms:	AA166324; C78523; ESTM46; Ifaprc2; Marc2; RC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212093 representing NM_016701, codon optimized . Due to the complexity of NM_016701, the ORF clone is codon optimized for mammalian Expression. The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGGGCTGCGTAGGGGAGGAGACTTTCAAATGTGGGAGTTGAACAGAAGACTCGAGGCCTACCTGA
CCCGGGTGAAGACGCTTGAAGAGCAGAATCAGCTTCTGTCCGCAGAGCTCGGAGGACTGCGGGCCAGAG
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Protein Sequence:

>MR212093 representing NM_016701

Red=Cloning site Green=Tags(s)

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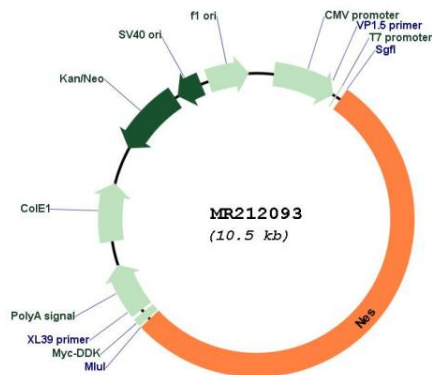
Restriction Sites:

SgfI-MluI

Locus ID: 18008
 UniProt ID: [Q6P5H2](#)
 Cytogenetics: 3 38.78 cM
 MW: 207.1 kDa

Gene Summary: Required for brain and eye development. Promotes the disassembly of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division (By similarity). Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR212093