

Product datasheet for MR226721

Nlrc5 (NM_001033207) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlrc5 (NM_001033207) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nlrc5
Synonyms:	AI451557; AK220210; NOD27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226721 representing NM_001033207 Red=Cloning site Blue=ORF Green=Tags(s)

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GGAGCTGTCCACAGCCTCCTGACCTCCTTCTGTATCCACACCCGCCCTGGGCATGAAGAAATAGGCTATG
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Protein Sequence:

>MR226721 representing NM_001033207
Red=Cloning site Green=Tags(s)

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CAQASGCLTELSISEIQRKWLQLEFPHQEGNSDSMALRLAHCDLETEHSHLMIQLVETIYARLQQLSLSQ
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LNDVAQSLQSQEPRLDFSIDTQQTL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9110_f08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001033207

ORF Size: 5745 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_001033207.3](#), [NP_001028379.2](#)

RefSeq Size: 6945 bp

RefSeq ORF: 5748 bp

Locus ID: 434341

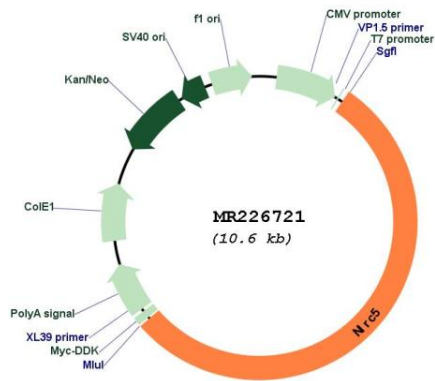
UniProt ID: [C3VPR6](#)

Cytogenetics: 8 C5

MW: 211.7 kDa

Gene Summary: Probable regulator of the NF-kappa-B and type I interferon signaling pathways. May also regulate the type II interferon signaling pathway. Plays a role in homeostatic control of innate immunity and in antiviral defense mechanisms.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226721