

Product datasheet for **RG240233**

NuMA (NUMA1) (NM_001286561) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NuMA (NUMA1) (NM_001286561) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NuMA
Synonyms:	NMP-22; NUMA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240233 representing NM_001286561. Blue=ORF Red=Cloning site Green=Tag(s)

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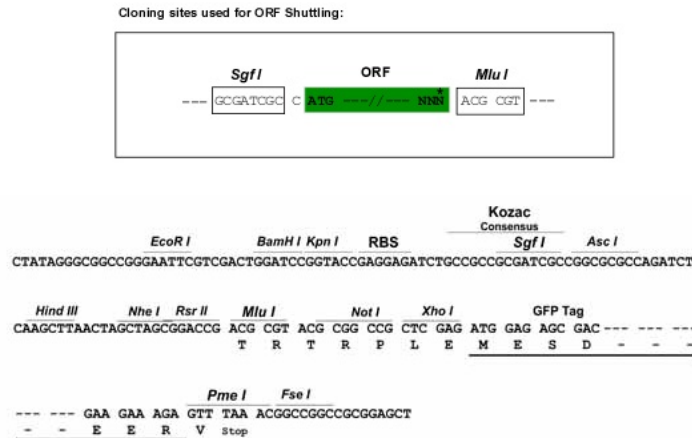
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Protein Sequence: >Peptide sequence encoded by RG240233
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286561

ORF Size: 6303 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).

RefSeq: [NM_001286561.1](#), [NP_001273490.1](#)

RefSeq Size: 7431 bp

RefSeq ORF: 6306 bp

Locus ID: 4926

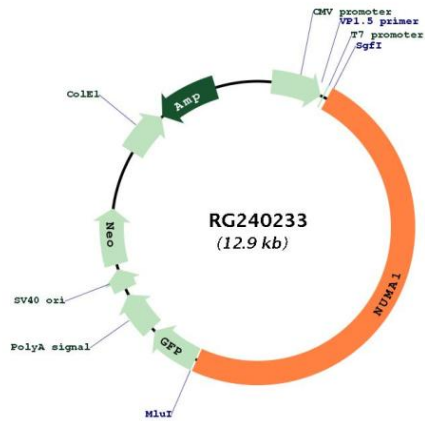
UniProt ID: [Q14980](#)

Cytogenetics: 11q13.4

MW: 237 kDa

Gene Summary: This gene encodes a large protein that forms a structural component of the nuclear matrix. The encoded protein interacts with microtubules and plays a role in the formation and organization of the mitotic spindle during cell division. Chromosomal translocation of this gene with the RARA (retinoic acid receptor, alpha) gene on chromosome 17 have been detected in patients with acute promyelocytic leukemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013]

Product images:



Circular map for RG240233