OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC209048

Npm3 (NM_008723) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Npm3 (NM_008723) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Npm3
Synonyms:	Nub1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

```
>MC209048 representing NM_008723
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGCCGGCGCGGCGGCTGCTTTAGCGTTCTTGAACCAAGAGAGCCGAGCCCGAGCTGGGGGCGTCG
GGGGCCTGAGGGTCCCGGCCCCGGTCACAATGGACAGTTTCTTCTTCGGTTGTGAGCTCTCCGGCCACAC
CCGCTCCTTCACTTTCAAGGTTGAGGAGGAGGATGACACGGAGCACGTGCTGGCGTTGAACATGCTGTGC
CTTACCGAGGGGGCCACGGACGAGTGTAATGTGGTGGAAGTTGTGGCCCGGGATCACGACAATCAGGAGA
TTGCAGTTCCTGTGGCCAACCTCAGGTTGTCTTGCCAGCCCATGCTCAGTGTGGATGATTTCCAACTCCA
ACCACCTGTCACCTTCCGCCTGAAGTCCGGTTCTGGCCCAGTTCGGATCACTGGCCGGCATCAGATCGTT
TGTATAAACAACGACCTTTCTGAAGAAGAAAGTGATGATGAGAGCGAAGAAGATGAAATTAAGCTGTGTG
GCATCCTTCCTGCCAAGAAGCACAGGGGCAGGCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Restriction Sites:	SgfI-MluI
ACCN:	NM_008723
Insert Size:	528 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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_008723.1, NP_032749.1
RefSeq Size:	866 bp
RefSeq ORF:	528 bp
Locus ID:	18150
UniProt ID:	Q9CPP0
Cytogenetics:	19 38.75 cM
Gene Summary:	Plays a role in the regulation of diverse cellular processes such as ribosome biogenesis, chromatin remodeling or protein chaperoning. Modulates the histone chaperone function and the RNA-binding activity of nucleolar phosphoprotein B23/NPM. Efficiently mediates chromatin remodeling when included in a pentamer containing NPM3 and NPM. [UniProtKB/Swiss-Prot Function]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US