Product datasheet for SC334513

NPM2 (NM_001286680) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPM2 (NM_001286680) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPM2
Vector:	pCMV6 series
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286680, the custom clone sequence may differ by one or more nucleotides

ATGAATCTCAGTAGCGCCAGTAGCACGGAGGAAAAGGCAGTGACGACCGTGCTCTGGGGCTGCGAGCTCA
GTCAGGAGAGGCGGACTTGGACCTTCAGACCCCAGCTGGAGGGGAAGCAGAGCTGCAGGCTGTTGCTTCA
TACGATTTGCTTGGGGGAGAAAGCCAAAGAGGAGATGCATCGCGTGGAGATCCTGCCCCCAGCAAACCAG
GAGGACAAGAAGATGCAGCCGGTCACCATTGCCTCACTCCAGGCCTCAGTCCTCCCCATGGTCTCCATGG
TAGGAGTGCAGCTTTCTCCCCCAGTTACTTTCCAGCTCCGGGCTGGCTCAGGACCCGTGTTCCTCAGTGG
CCAGGAACGTTATGAAGCATCAGACCTAACCTGGGAGGAGGAGGAGGAAGAAGAAGGGGAGGAGGAGGAA
GAGGAAGAGGAAGATGATGAGGATGAGGATGCAGATATATCTCTGGAGGAGCAAAGCCCTGTCAAACAAG
TCAAAAGGCTGGTGCCCCAGAAGCAGGCGAGCGTGGCTAAGAAAAAAAAGCTGGAAAAAGAAGAAGAGGA
AATAAGAGCCAGCGTTAGAGACAAGAGCCCTGTGAAAAAGGCCAAAGCCACAGCCAGAGCCAAGAAGCCA
GGATTCAAGAAATGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001286680
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).
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).

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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_001286680.1, NP_001273609.1
RefSeq Size:	1532 bp
RefSeq ORF:	645 bp
Locus ID:	10361
UniProt ID:	Q86SE8
Cytogenetics:	8p21.3
Gene Summary:	Core histones chaperone involved in chromatin reprogramming, specially during fertilization and early embryonic development. Probably involved in sperm DNA decondensation during fertilization.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (1).