

Product datasheet for **MC210842**

Nupr1l (NM_026916) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nupr1l (NM_026916) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nupr1l
Synonyms: 1810010E01Rik; 4930579G22Rik; Nupr2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210842 representing NM_026916
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCCTCCAACTCGTCTTCTGTCTCCGGCCAAGGACTCGAGCCCGCCCGCCCGCGGAGGGCGC
 TGCCACCGTCGGCTTCAAGAGGAGGTGTACGACTGCCTGGATTACTACTACCTGCGTGACTTCCCGGC
 CTCTGGGGCTGGACGCAGCAAGGGCCGGACGCGGCGCAGCAGCTACGCACCAACTACCCGGTGCCC
 GGCGGCCACGAGCGCAAGGTGGCGCAGATACTGCTCAACGGGCAGCGCAAGCGGCCAGCGCCAGCTGC
 AACCGCGGCCCGCACACGCCTGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_026916
Insert Size: 309 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).
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:	<ol style="list-style-type: none">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:	<u>NM_026916.3, NP_081192.2</u>
RefSeq Size:	645 bp
RefSeq ORF:	309 bp
Locus ID:	69034
UniProt ID:	<u>Q497P3</u>
Cytogenetics:	5
Gene Summary:	<p>Acts as a transcriptional repressor by inhibiting gene expression at the NUPR1 promoter in a p53/TP53-dependent manner in cancer cells. Involved in the G1 cell cycle arrest, and in a decrease in cell viability and cell proliferation of pancreatic cancer cells. Plays a role as a negative regulator of the protumoral factor NUPR1.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.</p>