

Product datasheet for **MC210287**

Nip7 (NM_001164472) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nip7 (NM_001164472) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nip7
Synonyms: 1110017C15Rik; 6330509M23Rik; AA408773; AA410017; PEachy
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210287 representing NM_001164472
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGCCCTTGACTGAAGAAGAGACCCGGTCATGTTTGAGAAGATCGGAAGTACATCGGAGAGAACC
TCAACTCCTAGTGGACAGACCCGACGGCAGTACTGTTCCGGTGCACAACGACCGAGTACTATGT
GAGTGAGATGATGCTGAAGCTGGCCGCAACATCTCCGGAGACAAGCTCGTGTGCTGGGACGTGTTTT
GGGAAGTTTACCAAGACCACAAGTTCGGCTTGCACGTGACAGCTCTGGATTACCTGGCCCCCTATGCCA
AGGGTTTTGGGGTGGCAGCAAAGTCTACCAAGACTGCCGAAAAGTGGACCCCATGGCAATTGTGGTGT
CCACCAAGCAGACATTGGGGAGTACGTACGCCATGAAGAGACTGACT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001164472
Insert Size: 402 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).



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_001164472.1](#), [NP_001157944.1](#)

RefSeq Size: 2895 bp

RefSeq ORF: 402 bp

Locus ID: 66164

Cytogenetics: 8 D3

Gene Summary: Required for proper 34S pre-rRNA processing and 60S ribosome subunit assembly.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an in-frame exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.