

Product datasheet for **MG201608**

Nip7 (NM_025391) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nip7 (NM_025391) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Nip7
Synonyms: 1110017C15Rik; 6330509M23Rik; AA408773; AA410017; PEachy
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201608 representing NM_025391
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGCCCTTGACTGAAGAAGAGACCCGGGTCATGTTTGAGAAGATCGCGAAGTACATCGGAGAGAACC
 TGCAACTCCTAGTGGACAGACCCGACGGCAGTACTGTTCCGGCTGCACAACGACCGAGTGTACTATGT
 GAGTGAGATGATGCTGAAGCTGGCCGCAACATCTCCGGAGACAAGCTCGTGTGCTGGGACGTGTTTT
 GGAAGTTTACCAAGACCACAAGTTCGCTTGCACGTGACAGCTCTGGATTACCTGGCCCCCTATGCCA
 AGTATAAAGTGTGGGTAAGCCGGGAGCAGAGCAGTCCTTCTGTATGGAACCATGTGTTGAAATCCGG
 TCTGGGTGCAATTACTGAGAACACATCTCAGTACCAGGGAGTGGTGTCTATTCCATGGCGGACATTCCT
 CTGGGTTTTGGGGTGGCAGCAAAGTCTACCCAAGACTGCCGAAAAGTGGACCCCATGGCAATTGTGGTGT
 TCCACCAAGCAGACATTGGGGAGTACGTACGCCATGAAGAGACTGACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201608 representing NM_025391
 Red=Cloning site Green=Tags(s)

MRPLTEEETRVMEFKIAKYIGENLQLLVDRPDGTYCFRLHNDRVYVSEMLKLAANISGDKLVSLGTCF
 GKFTKTHKFRHLHTALDYLPYAKYKVVWVWPGAEQSFLYGNHVLKSGLGRLTENTSQYQGVVYVSMADIP
 LFGFVAAKSTQDCRKVDPMAIVVFHQADIGEYVRHEETLT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	<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_025391.1</u> , <u>NP_079667.1</u>
RefSeq Size:	1350 bp
RefSeq ORF:	543 bp
Locus ID:	66164
UniProt ID:	<u>Q9C XK8</u>
Cytogenetics:	8 D3
Gene Summary:	Required for proper 34S pre-rRNA processing and 60S ribosome subunit assembly. [UniProtKB/Swiss-Prot Function]