

## Product datasheet for MC211782

### Nubpl (NM\_029760) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nubpl (NM_029760) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nubpl
Synonyms:	2410170E07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211782 representing NM_029760 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGACCTGGCGCGTGGTGGTCTTTGGCGGGTGTCACTCCGGGGTGGTGGCGGGCCACTGTCC  
CGCCCCGGGGTCCGAGCTTTGGGTTGTGGCGCCAGTTATTAGGCGCTGAGAGTGAGGCCTTGAACA  
AAGAAGAACACAAATCATGTCCCGAGGACTTCTAAGCAGAAGCCTATAGAAGGTGTAGAGAAGTCATT  
GTTGTGGCCTCTGAAAGGGTGGTGGTGGAAAGTCTACCACCGCAGTGAACCTTGCTCTTGGCTGGCAG  
CAAATGATTCGTCGAAGCGGTTGGCTTGTAGATGTGGATGTGTATGGTCTTCCATTCCAAGATGAT  
GAACCTGAGAGGAAATCCAGAATTATCACCAAATAACCTAATGAGGCCTCTTTGAATTATGGTATTGCT  
TGTATGTCAATGGGCTTTTTGGTTGAAGAGACTGCGCCACTTGTGGAGAGGCCTTATGTAATGTCAG  
CCATTGAGAAATTATTGAGACAGGTTGATTGGGGTCCAGCTGGACTATTTAGTTGTGGACATGCCACCAGG  
AACAGGAGACGTGCAGCTGTCAGTTTCAAAAAATTCCCATTTCCAGGTGCTGTGATTGTCTCCACACCT  
CAGGACATTGCACTGATGGATGCACACAAGGGTGGGAGATGTTTCGAAAGTCAATGTGCCTGTTCTTG  
GTCTTGTCCAAAACATGAGTGTCTTCCAGTGTCCAAAATGTAACACAAAACATATTTTTGGTGTGTA  
TGGTGAAGAAAACATGAGTGTCTTCCAGTGTCCAAAATGTAACACAAAACATATTTTTGGTGTGTA  
AGGGAAGCTTCGGATATGGGTCAACCAGTTGTCTTTCTCAGCCTGGAAGTGATGAGGCCAAAGCTTACC  
TGCAATTTGCTTCCGAAGTGGTGAAGATTGAAGTCATCTCCAGAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_029760



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<b>Insert Size:</b>	960 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_029760.2</a></u> , <u><a href="#">NP_084036.2</a></u>
<b>RefSeq Size:</b>	1230 bp
<b>RefSeq ORF:</b>	960 bp
<b>Locus ID:</b>	76826
<b>UniProt ID:</b>	<u><a href="#">Q9CWD8</a></u>
<b>Cytogenetics:</b>	12 C1
<b>Gene Summary:</b>	Required for the assembly of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I). May deliver of one or more Fe-S clusters to complex I subunits (By similarity).[UniProtKB/Swiss-Prot Function]