

Product datasheet for **MC201510**

Nsg2 (NM_008741) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nsg2 (NM_008741) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nsg2
Synonyms:	8.5; AA989750; P19; R75287
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC018224 sequence for NM_008741
 AGGGCTGCTTTTTTCAGCACCACGCTCTGGCTGAGGAGGGAGGACTCCTGTTTGTCTCCTCCTCTACAT
 ATTTGGCTTGACTCTGCTCTGACCCACCAGTGGCCGACAGTCTGGAATAAAAGCAGAAGCATGGTGAAG
 CTGAACAGCAACCCTGGAGAGAAGGGGGCAAGCCGCCTTCCGTGGAGGATGGTTTCCAGACCGTCCCTC
 TCATCACGCCCTTGGAGGTTAATCATTTGCAGCTGGCTGCTCCCGAGAAGGTGATCGTGAAGACAAGAAC
 AGAATACCAGCCGGAACAGAGGAACAAAGGGAAGTTCCGGGTGCCAAAGATCGCTGAATTTACGGTCACC
 ATTCTTTGCAGCTGGCCCTTGCCTTCCCTTGTCTGCATTGTGTTTCCCTGGTGGTTTACAAAGCCTTTACCT
 ATGACCACAGCTGTCTGAAGGATTTGTCTACAAGCACAAGCGCTGTATCCCGCCCTCGCTGGATGCTTA
 CTA CTACTCGTCCCAGGACCCAGCTCCAGGAGCCGTTCTACACAGTCATCAGCCACTACAGTGTGGCCAAG
 CAGAGCACTGCCCGGGCCATCGGGCCATGGCTGTGAGCAGCTGCTGTATCCATGAGCCCAAGCCACCCA
 AGAGCGAGGGCCATTAGAGGTCTGCCCCAGCTGGGATGGGGTGGGTGGTGGAGAGGGAAACCCCTC
 CCCACTAGTTAAGCAAGGCTGGAGCTACAAGACAATACTGTACTGCTAGGGTACGGGGTGGGGCGGGGC
 AGGATGGGGTCTGGGAGCACTCCCCAAAATATTGTGCACTGGAGTTGTCTGAATCGATCTTCCCTTTT
 GTTCTTTTGTATTGTTGCTTCGTACCCAAGTCAGGCTCGTGTACAAGGCATGTTTCGCGTTGATTGTTT
 CCATGTAAGATATTTTCAAAGCCCGCTTATTCTTTGTTAGGATAATTTAGAGACAGAAAGGGGAGCCG
 GATAAAATGAATTTAAAAGCATGAAACGGGCTCCACGTGGAAGACACAGCAGGGCAGTAAAGAGCAGAG
 TCTGTCTGGGACTTCTTAGATAAGGCCCATGGCTTCTGTGTGGGCGTCCGAGTACTGCGTGGCGAAGGG
 TGGGCTGTTTCACTTGTGCTGTGCTGCAAGGAGAGAAGCACAGCGATGGCAGGCAAGGCTGATTTGGAGA
 GGAAGGTGATGTTGGCATTCTCAACTAGGAATGCACAGAGTACCACTCAATGGTGAAGCTTGAAGATTT
 GCACAACTCATGGGGGAGGCATCCACGCTCAGCCCTGGGCAGCCATGGGGACCTAGGCTCCGATGCTC
 ACAGGGCGGCTGTTGTGCCTCAGCAAACACAGGCGTGGATAGATGTTGTCTTTTCTTTTGTTTTCTAGGT
 GTATCCCTAGATGCTGCCCGTGTTCAGATGGCAGGGTGGGAAGGGAGAGAAAGGAAGAGAGGTCAG
 CGGGCCGCTCTGGACCCAGCTAAAAGCATAGGCACCCGGTTTCACCCGGGTTTTGCTTTTTCCCAAAG
 CGCTAATGACAGCAGGAATGACAATTGAATTCTAGTTAGTTGAAATCTGACAGCCGGAAGAACTTGAA
 GATTGGGCAGGCAGTGTCTATTCTAAAAGAAGCTGGAGAAGGTGACTGTTTGTCTACTGTGTTGTGTTG
 ACAGAGTTGTCCAGACTTCCCAGCTAGGTTCTAGAAGCACCTGACAGGGAGGTGTGGCCAACATCCTTAG
 GCTTCTCACTGGCACTTTAGCAAGGGCCTCCTGCTTCTCGCGAGCATTCCAGGAAATCCCTTTTCTGGA
 GGTGCTGGCCCCAGTCCAAGAGAATGAGAACTGGCCAGGGGAATTGCCCATTTGGTCTGCATAGGCCGT
 TTAAGGGTATTTTTTGTGGCTTGCTATATTGCTGAAATTATTGTACACAGCAGCTGGGTAATAGGAATA
 GTATATCTCAAACCATCCTGCCAGATACTCATCTGATTCTCCTCCCTCCCCCATCTTCCCATCACC
 TTGAGTCACTGTAATTCATTTGTCATCTGAAACGGATCAACAATCTTCCCTAGCAAACCCACAGAGC
 GCTTTATAATTTTGTGGTATTTTTGTGACAGTAGGTAGCAGAGGCTGAAGTATTTTTTGGTGAATTCCT
 GAAATTTTCTGACAGGAAAAAAAATAAACATAGATGTGCTGAGAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008741

Insert Size: 516 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: [BC018224](#), [AAH18224](#)

RefSeq Size: 2230 bp

RefSeq ORF: 516 bp

Locus ID: 18197

UniProt ID: [P47759](#)

Cytogenetics: 11 A4