

Product datasheet for **MC205842**

Gnpnat1 (NM_019425) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gnpnat1 (NM_019425) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gnpnat1
Synonyms:	AU017428; AU040593; EMeg32; Gpnat1; Gsnpat
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031116
 CTGACGCGCCGGGACTGGAGCGTGGTCCGCTCCAGTGCGACTTTACTGGAAAGATGAAACCTGATGAAAC
 TCCCATGTTTTGACCCAAGTTTGCTCAAAGAAGTGGACTGGAGTCAGAATACAGCTATTTTTCTCCAGCC
 ATTTCTCCAACGCATCCTGGAGAAGGCTTGTTTTGAGGCCTCTCTGTACTGCAGACTTAAATAAAGGTT
 TTTTTAAGGTATTGGGTAGTGCAGAGACTGGCGTCGCAGCCCGAACAGTTCATGAAATCTTTTGA
 GCATATGAAGAAGTCTGGAGATTACTACGTTACAGTTGGAAGATGTGACCCTAGGACAAATTTGGCT
 ACAGCAACTCTGATAATAGAACAATAATTTATCCATTTCATGTGCTAAGAGAGGGAGAGTAGAAGATGTCG
 TCGTTAGTGACGAGTGCAGAGGGAAGCAACTCGGCAAACTGTTATTATCAACTCTTACTTTGCTAAGCAA
 GAAATTGAACTGTTACAAGATCACCTTGAATGTCTACCACAAAATGTTGGTTTTCTACAAAAAGTTTGAC
 TATACAGTATCTGAAGAAAATTACATGTGTGGAGGTTCCATAAGTAAAAACCACCATCAAGAGGTTAAT
 GCTACAAAGCTTAAATAACTGTTTTAGAGTTTCAATTTTTGTTGCTGCAGCCAGTGCAGCTCCCTAACTACT
 AGACTGAAGTACACTGTGGTGTGCCAGTGTGTAGTAACCTGGGAGGATGCTGGGAATACAAATAAAGGGG
 AGGATTTTTAACCAAGGAATATATTTCAACTTGAATCTTTCTGCTATGCTGCTATGCTGCTATTTTAAATATA
 TGTATATACATATATATTGAATAAGGGTGTCTTACCATAAAATATTTTTGTCTCATACATCTAATA
 GACTTAAGGTGCACCATTCTCATTGGACACTTCTGTTATCATGACCACCAGATACATATTTGTTGTTGA
 TCCTAACCTGCAGTCTTTTTAAAGCAACAAAAGAAAATGGGACAAGGTACAACAGCTTAAATAACGAT
 TTAAGTGTAAAGTTTTGTGCAGACTGTACCACCTGCCACCTGTCACATGGTATTAGAATTATCCA
 GGGTCTTTTTCAATTTGTCAATGAGCAGCTCCAGAGCTGTACCCTGGTTCCGTACCATTGACATTTGA
 AGCCTTTGAGTCACAAAAAATGTTTCAGTACTTCTAAATTTAGTATAGCTTTAAATGATGGTAGCTTT
 TCTATTTAATGTGATTATAATGGTACTATTCTGATCCCTGTCTGTCTGTTTTATTTAAATGATTTT
 TAAAATAGAATCAGATACTTTAATAAGTGGTCTAATCTTTTACATTCCATGTTATTACATTAACCTT
 GTTTATATGAATAGTCTTTTCATGTTAGAATCTTGTCTTTGTTTTCTTTTTTGTGAGACAGGGGCC
 AGGATATCCTGGAACCCCTCACACATGTTCTAAGAAGTGGTATTCCAGGCATGTACCACCATGATCAGCT
 TCAGTCTATTAGGTTAAGACCTGGCTCTTAATACCCTAGGTTAAGTATCTTTGACTTCAATTGGACTT
 TGGATTTTCTGCAGTCATTAGGTTTGTCTTTGATTTTTCAGAGTCTTTAGTTCTGTAACCATGACACAG
 CTTCAATAGGTTTTATCTATGTTAAAAAAGCCTTTTCCCAAAGTAAATTTAGCACTTATTTTTTA
 ACATTAACCTCTTGGTAAGCCAAAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_019425

Insert Size: 555 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: [BC031116](#), [AAH31116](#)

RefSeq Size: 1871 bp
RefSeq ORF: 555 bp
Locus ID: 54342
UniProt ID: [Q9JK38](#)
Cytogenetics: 14 C1