

## Product datasheet for **MR218046**

### Hgsnat (NM\_029884) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hgsnat (NM_029884) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hgsnat
Synonyms:	9430010M12Rik; AW208455; D8Ertd354e; Tmem76
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>MR218046 representing NM\_029884  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACGGGCGGGTCGAGCTCGCGCAGGCGCCGGGCAGAAGAGCGCAGCTCGGCTGCGGGGACAGAGCGCA  
 ACTCCCGAGAGAGGCTGTGGGAGGCATGGGCGCGGGCCCGCGCTGGCAGCGCTGCTGCTGGCCGGGTC  
 GGTGCTGAGCGCCACGCTGCTGGCCCCGGCCGGCGGAGCCAGATTTAGATGAAAAAGGAACGTG  
 GAGCTGAAGATGGATCAGGCTTTGCTGCTATTACAATGAACCTTTGGGACGAGCCTGACTGTGTACT  
 GGAAATCTGATGACTGTTACCAATGCACCTCCAGCCACTGGCGAACGTCTCTCACGGTGGAAAGCCAGC  
 AAAGCCAAGCGTGGCACCTGTCTCTGTGAGCACCAGCATGGTCCATCCTGCAGTTAACTCCACCTCG  
 GAGGAGAGAGCAGCTTGCAGGCTGGAATACAAATTTGGAGAATTTGGAACTATTCCTTTTGGTGCAGC  
 ATGCTTCCAGCGGGCCAATAAAATTCCTGTGACATCATCGTCAATGAGAATCCAGTGGACAGTAACT  
 TCCTGTGAGCATCGATTCTTGTGGTTTAGCCCTCATCGTCGAGTATCCCTCCTGAGGCTCTTGCTG  
 AGTTTGGATGATGCAATAACTGGATATCTAAGACAATAGCTTCTCGAGAACTGACCGTCTCATCAATT  
 CTGAGCTAGGGTCTCCCAGCAGAGCAGACCCTCTCAGCGCTGATTACCAACCAGAAACTCGGCGTCTTC  
 TGCGAACCGTCTCCGATGTGTGGACACATTTAGGGGTTAGCTCTCGTCCATGGTCTTTGTTAACTAT  
 GGAGGAGGAAAGTATTGGTACTTCAAACATTCAAGTTGGAACGGACTGACTGTGGCCGACCTCGTCTTC  
 CATGGTTTGTATTTATTTGGAACTTCAATTTTCTATCAATGACTTCTATCCTGCAACGAGGATGTTT  
 AAAACTCAAACGCTGGGAAGATTGTGTGGAGAAGCTTCTGCTAATCTGTATAGGAGTTATCATTGTC  
 AACCCCAATTATTGCCTTGGTCCATTGTCTTGGGATAAAGTCCGATCCCTGGTGTCTGCAGCGGTTGG  
 GAAAGCAGCTGCTTCTCTCCGAGACATCACGTCCAGCTGGCCCCAGTGGCTCACATTCTGACGCTG  
 GAAAGCATTGGCTGGCTTTGACATTTCTGCTGTCCCTGGGTGCCCTACTGGCTACCTTGGCCCTG  
 GCGGTATAGGGGACTTGGGAAGTATCCTCATTGTACTGGAGGAGCAGCTGGCTACATCGACCGCTGCT  
 CCTGGGAGACAATCACCTGTACCAGCACCATCCTCCACCGTGTGTATCACACAGAGGTGGCCTACGAC  
 CCTGAAGGAGTCTTAGGGACTATCAACTCAATTGTGATGGCGTTTTTAGGAGTTCAGGCAGGAAAAATAC  
 TGGTGTATTACAAGGATCAGACGAAAGCCATCCTGACCCGATTTGCCGCTGGTGTGTATCCTTGGCT  
 TATTTCTATTGTGTTGACAAAAGTGTCTGCAAATGAAGGTTTTATTCCAATAACAAGAATCTCTGGTCC  
 ATCTCGTACGTACCCACTGAGCTGCTTGCCTTCTTATCCTCCTCATTCTCTACCCAGTTGTGGATG  
 TGAAGGGCCTGTGGACGGGAACCCCTTCTTATCCAGGGATGAACTCCATCCTGGTGTATGTTGCCA  
 CGAGGTGTTGGAGAACTACTCCCTTCCAGTGGAAAGCTGGCGGATGAGCAGTCACACAAAGAGCATCTC  
 ATTCAGAACATAGTCGCCACGGCTCTCTGGGTGCTCATCGCTACGTGCTCTATAAAAAGAAGCTGTTTT  
 GAAAAATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_029884.1](#), [NP\\_084160.1](#)

**RefSeq Size:** 2679 bp

**RefSeq ORF:** 1971 bp

**Locus ID:** 52120

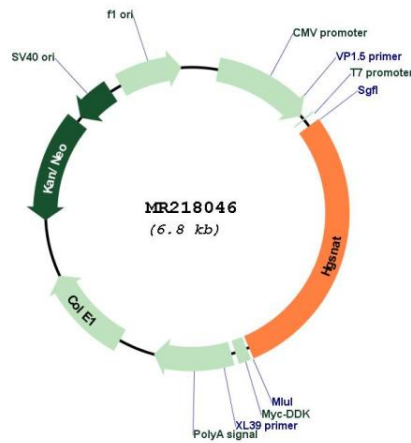
**UniProt ID:** [Q3UDW8](#)

**Cytogenetics:** 8 14.22 cM

**MW:** 72.5 kDa

**Gene Summary:** Lysosomal acetyltransferase that acetylates the non-reducing terminal alpha-glucosamine residue of intralysosomal heparin or heparan sulfate, converting it into a substrate for luminal alpha-N-acetyl glucosaminidase.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR218046