

## Product datasheet for **RN211817**

### Hiat13 (NM\_001106467) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hiat13 (NM_001106467) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hiat13
Synonyms:	Hiat1; Mfsd14a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN211817 representing NM\_001106467  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACCCAGGGGAAGAAAAAGAAACGGGCCGCAACCGCAGTATCATGCTGGCCAAAAGATCATCATT  
 AGGACGGAGGCACGCCTCAAGGAATAGGCTCCCCTAGTGTATCATGCGGTTATCGTCATCTTTTTGGA  
 GTTTTTGCTTGGGACTACTGACAGCACCCACATTGGTGGTATTGCATGAAACCTTCCCTAAACATACA  
 TTTCTGATGAATGGCCTAATCAAGGAGTAAAGGGTTTGTGTCCTTCTCAGTGCCCCACTTATTGGTG  
 CTCTTTCTGATGTTGGGGCCGAAAATCCTTCTGCTGCTAACAGTGTTCACATGTGCCCTATTCC  
 TCTAATGAAGATCAGCCCATGGTGGTACTTTCAGTTATCTCTGTTTCTGGGGTTTTGCAGTAACATTC  
 TCTGTGGTATTTGCATATGTAGCAGATATAACTCAAGAGCATGAAAGAAGTATGGCTTATGGCTGGTTT  
 CCGCTACATTGCTGCCAGCTTAGTTACCAGCCCTGCAATTGGAGCCTACCTGGACGAGTGTATGGAGA  
 CAGCTTAGTGGTGGTCTTGGCTACAGCAATAGCCCTGCTAGACATCTGTTTTATCCTTGTGCTGTGCCA  
 GAGTCATTGCCTGAGAAGATGAGGCCAGCATCGTGGGGCGCTCCCATTTCTGGGAACAGGCTGACCCCT  
 TTGCATCTTTAAAAAAGTGGGCCAAGATTCCATAGTGCTGCTGATCTGTATCACGGTGTTCCTCTCCTA  
 CCTACCGAAGCAGGCCAGTACTCCAGCTTCTTCTTATACCTCAGACAGATAATGAAATTTCCCGAGAA  
 AGTGTGGCAGCTTTTATAGCGGTCTTGGCATTCTGTCCATTATTGCACAGACCATAGTCTTGAGTTTAC  
 TCATGAGGTCAATTGGAAATAAGAATACCATCTTACTCGGTCTGGGATTTCAAATATTGCAGCTGGCATG  
 GTACGGCTTTGGTTCAGAACCTTGGATGATGTGGGCTGCTGGGGCAGTGGCAGCCATGTCTAGCATCACC  
 TTTCCAGCTGTTAGTGCCTGGTTTACGGACTGCTGATGCCGATCAACAGGGTGTGTTTCAGGGAAATGA  
 TAACAGGAATCCGAGGACTGTCAATGGTCTGGGACCAGCCCTTATGGCTTCATTTTACATATTCCA  
 TGTGGAACCTTAAAGAACTGCCAATCACAGGGCCAGACCTGGGGACAACACAAGCCCTCAGCACCCTTT  
 GAACAGAATTCATCATCCCTGGTCCCCCTTCTCTTTGGAGCCTGCTCAGTACTGCTGGCTCTGCTCG  
 TTGCCTTGTATTCCGGAGCATACTAATTTAAGTTAAGGTCCAGCAGTTGGAGGAAGCATTGTGGTGG  
 TCACAGCCATCTCACAGTACACAAGCGCCAGGAGAGGCCAAAGAACCTTACTCCAGGACACGAATGTG  
 TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001106467

**Insert Size:** 1473 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:** [NM\\_001106467.3](#), [NP\\_001099937.1](#)

**RefSeq Size:** 2727 bp

**RefSeq ORF:** 1473 bp

**Locus ID:** 100134827

**Cytogenetics:** 1q12