

Product datasheet for **RN217011**

Samhd1 (NM_001191743) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Samhd1 (NM_001191743) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Samhd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217011 representing NM_001191743
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGAGACCAGACTCGGAGCAACCTGCTAAGCGGTCCCCTGCGATGGCAGCCCAAGGACGCCACCGA
GCACCCGTCTGCAGCAGCGAACGAGTCTGCAGATCCCGAAAGCAGCGACCTCCGAACCTGGGGTCCC
GGACGTGTGCTCCTTCTTAGAGAAACGTGGTTCCGAGAGAAAAAGTGCTGGACATCTTCAGAGAAAAT
AAAATCAGTGGTTCATTTCTGCCCTTTTTGGATGAGAATCTTCTCGAAAGTCTGGGAGTAAGTTCCTTGG
AGCAGAGGAAGAAGATGATAGAATGTATCCAGAAGCTGAATCAGTCTCGGATTGATCTAATGAAGGTATT
TAACGATCCTATTCATGGCCATATTGAATTCACCCCTCTCATCCGAATCATTGACACACCTCAGTTC
CAGCGGCTTCGCTACATCAAGCAGCTGGGAGCGGTTACTACGTCTTCCCTGGCGCTCACACAATCGGT
TTGAACACAGTCTCGGAGTGGGTACCTAGCAGGCTGCCTCGTGCAGCGCTTCCGAAAAACAGCCAGA
GCTGCAGATCAGTGAACGAGATATGCTCTGTGTTGATCGCGGGCTCTGCCATGACCTTGGTCATGGG
CCATTCTCCCATATGTTTATGGAAGATTATTCCAATTGCTCGCCAGACATAAAGTGGAGGCATGAAC
AGGGCTCAGTTGAGATGTTTGGATCTGGTAACTCCAATGAACTCAAATGTGATGAAGAACTATGG
TCTCGTCCCTGAAGAAGACATTACCTTTATCAAGGAACAAATTATGGGACCACCTGTATCACCAGTCAAA
GACTGCTTGTGGCCGTATAAGGGGCGCCCGCCAAAGAAGAGCTTCTGTACGAGATAGTGGCTAACAAAA
GAAATGGCATTGATGTGGACAAATGGGACTATTTTCCAGAGACTGTCCACATCTTGAATCCAAAAATA
TTTTGATTACAAGCGCTTCATTAAGTTTGCCCGTATCTGTGAAGTGGACGACGAGACCCGGGCACATAAG
GTGAAGCACATTTGTACCAGAGAAAAGGAGGTTGAAACCTGTACGACATGTTCCACACACGCAACTGCT
TACACCCAGAGCTTATCAGCACAAAATCGGCAACCTCATCGATAAATGATTACCGAAGCTTTCCTCAA
AGCAGACCCCCACGTGGAGATTACCGGACCCGAAGGGAAGAAGTTTCAATTTCCACAGCCATTCATGAC
ATGGAAGCCTTCAGTAAGCTGACAGATAACATCTTCTGGAGATTTTATACTCCACGGATCCACAGTTGT
CTGAGGCCCGAATATTTAAGGAACATTGAATGCCGTAATCTGTACAAGTATTTGGGTGAGACCCAGCC
GAAGCGTGAGAAGATTAAAAAGGAGAGTATGACAAGCTTGCCTAAGAAGTTGCTAATGCCAAACCTGAA
ATTGCCCGGATGTTGAACTAAAGGCTGAAGATTTTCATCGTTGATGTTATCAATATGGATTACGGGATGG
AAGACAAGAACCAATTGATAATGTTCACTTCTATTGTAAGAGTGACAGCAGGCAAGCGGTACGATCAC
TAAAGACCAGGTGCCAACTGCTGCCACAGAAATTCGACAGCAGCTCATCCGCGTGTACTATAAGAAG
AAGGACAAGAAGAGCTTGGACGCCCGCGGAAGCACTTCAATTCAGTGGTGTGCGCTCAGGGACTTACCA
AGCCACAGGATGGTACATTATAGCGCCTCTATAACGCCTCTGAAATGGAATAAAAAGACTTCATCTTG
CATCGAAGAAGTATCAAAGTAAAAACGTGCTCAAGTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191743

Insert Size: 1863 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191743.1](#), [NP_001178672.1](#)

RefSeq Size: 2327 bp

RefSeq ORF: 1863 bp

Locus ID: 311580

Cytogenetics: 3q42