

Product datasheet for **RN201919**

Hamp (NM_053469) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hamp (NM_053469) Rat Untagged Clone
Tag: Tag Free
Symbol: Hamp
Synonyms: Hepc
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN201919 representing NM_053469
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACTAAGCACTCGGATCCAGGCTGCCTGTCTCCTGCTTCTCCTCCTGGCCAGCCTGAGCAGCGGTG
CCTATCTCCGGCAACAGACGAGACAGACTACGGCTCTGCAGCCTTGGCATGGGCCAGAAAGCAAGACTGA
TGACAGTGGCTGCTGATGCTGAAGCGAAGGAAGCGAGACACCAACTTCCCATATGCCTTTCTGCTGT
AAATGCTGAAGAATTCCTCCTGTGGTCTCTGTTGCATAACATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1545_b11.zip

Restriction Sites: SgfI-MluI

ACCN: NM_053469

Insert Size: 255 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_053469.1</u> , <u>NP_445921.1</u>
RefSeq Size:	367 bp
RefSeq ORF:	255 bp
Locus ID:	84604
UniProt ID:	<u>Q99MH3</u>
Cytogenetics:	1q21
Gene Summary:	may play a role in the regulation of iron metabolism [RGD, Feb 2006]