

Product datasheet for **RN216448**

Hpf1 (NM_001169105) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hpf1 (NM_001169105) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hpf1
Synonyms:	RGD1311747
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216448 representing NM_001169105 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTCGGCGGTGGCGGAAGCGCCGACCCGCCGGGGCGGGACCGCAGTGTGAAAAGACAGCTGAGGTAA
AGAAGAGTAAGTCTTCTGAAGCCGACATCTCCAGTGACCTCCGCAAAGAAGTAGAACATCTTTATAAGCT
CTCCCTGCCTGAAGACTTCTATCATTCTGGAAGTTCTGTGAAGAGCTTGATCCCGAAAAGCCAGCTGAT
GCACCTGGCCACAAGCCTGGGTCTTCGGTTAGTGGGTCTTATGATATCCTTGCTGGGAAACATAAAATGA
AGAAAAACCCACAGGCTTGAAGTGAATCTTCACTGGAGGTTTTACTATGATCCTCCTGAGTTCAGAC
CATTATTATTGGAGATAATAAACTCAGTACCACATGGGGTATTTAGAGATTCTCCTGATGAACCTCCT
GTATATGTGGGTACAAAATGAAGCAAAGAAAACTGTATAATTCAAAAATGGAGACAATGTGTTTGCTG
CCATCAAATTATTTTGGATGAAAAAATCAAAGAAGTAACAGATAGAAAGAAAATTAGCATTTTGAAAA
CATAGATGAGAACTCACAGAAGCAGCCAGAAAATAGGATACTCACTGGAGCAGAGAACCGTGAAGATG
AGACAGAGAGATAAGAAGTTGTGACAAAGACTTTTCATGGTGCGGGCTTGTTGTTCTGTAGATAAAA
ACGACGTTGGCTACAGAGAGCTCCCTGAAACAGATGCTGACCTGAAGAAAATCTGCAAGGCAATTGTTGA
CGCTGCAAGTGATGAGGAGAGACTGAAAGCATTGCTCCCAATTCAGGAGATGATGACTTTCTGTCAGTTT
GCTAACGATGAGTGTGATTACGGCATGGCCTGGAATTAGGAATGGACCTCTTCTGCTATGGCTCTCATT
ATTTTCACAAAGTTGCTGGCCAGCTTTTACCTCTTGCGTATAATCTACTGAAGAGGGATCTGTTTGCGAA
AATCATTGAAGATCATCTGGCAAGCAGAAGTGAGGAGGACATAGACCAGCTCGCAGGTGAGCCTGCAGTG
CTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001169105



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Insert Size:	1056 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:	<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_001169105.1, NP_001162576.1</u>
RefSeq Size:	1184 bp
RefSeq ORF:	1056 bp
Locus ID:	290706
Cytogenetics:	16p12