

Product datasheet for **RN215866**

Hint3 (NM_001276433) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hint3 (NM_001276433) Rat Untagged Clone
Tag: Tag Free
Symbol: Hint3
Synonyms: HINT-3; HINT-4; Hint4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215866 representing NM_001276433
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGAAAAGCAAGCGGGCTTAGCTGGAGAGCCGAATCCCGACTGTACGGTCACTGCCAAAGCAGGAC
CTGAGGTGTCCTCGCCTGGGACCTCGGAGTCCAGGGACTATGACAGTAACTGCGTGTCTGCCGCGTCGC
GGCGGGTCAGGAACCCGAACTGAACCTTATACTGTGAGAACAAAGACCTGGTTGTTTCAAAGATATC
AAACCAGCAGCACTTCACCATTACCTCGTGGTGCACAAAAAGCATATTGGAAGTTGCAAGGATCTAAACA
AAGATCACATAGAAATGGTTGAGAGCATGGTCACTGTTGGAAAAACCATTCTTGAGAGGAATAATTTAC
AGACTTACAGATGTGAGGTTGATTATTTGCTTAAAAAGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001276433
Insert Size: 393 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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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_001276433.1</u> , <u>NP_001263362.1</u>
RefSeq Size:	833 bp
RefSeq ORF:	393 bp
Locus ID:	246769
Cytogenetics:	1p11
Gene Summary:	<p>member of the histidine triad protein family [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, which results in a frameshift, compared to variant 1. It encodes isoform 2 which has a shorter and distinct C-terminus compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>