

Product datasheet for **RN215958**

Hint3 (NM_001100825) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hint3 (NM_001100825) 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:	>RN215958 representing NM_001100825 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGAAAAGCAAGCGGGCTTAGCTGGAGAGCCGAATCCCGACTGTACGGTCACTGCCAAAGCAGGAC
CTGAGGTGTCCTCGCCTGGGACCTCGGAGTCCAGGGACTATGACAGTAACTGCGTGTCTGCCGCGTCGC
GGCGGGTCAGGAACCCGAACTGAACTCTATACTGTGAGAACAAAGACCTGGTTGTTTCAAAGATATC
AAACCAGCAGCACTTACCATTACCTCGTGGTCCAAAAAAGCATATTGGAAGTTGCAAGGATCTAAACA
AAGATCACATAGAAATGGTTGAGAGCATGGTCACTGTTGGAAAAACCATTCTTGAGAGGAATAATTTAC
AGACTTACAGATGTGAGAAATGGCTTCCATGTGCCTCCGTTCTGCTCCGTCTCTCATCTGCACCTTCAT
GTCATAGCGCCCGCCAAAGAGTTCGGCTTCTATCGAGGGTGGTTTACAGGCGGGATTCTACTGTTTAA
TCACGGTTGATTATTTGCTTGAAAAGCTAAGAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001100825
Insert Size:	528 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_001100825.1</u> , <u>NP_001094295.1</u>
RefSeq Size:	960 bp
RefSeq ORF:	528 bp
Locus ID:	246769
Cytogenetics:	1p11
Gene Summary:	member of the histidine triad protein family [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.