

Product datasheet for **SC104681**

HINT2 (NM_032593) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HINT2 (NM_032593) Human Untagged Clone
Tag:	Tag Free
Symbol:	HINT2
Synonyms:	HIT-17
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC104681 sequence for NM_032593 edited (data generated by NextGen Sequencing)

```
ATGGCGCAGCCGTGGTCTGGCTGCTGGGTTGCGCGCGCGCAGAGCCGTGGCGGCC  
ACGGGGGTGCGCGGGGGCAGGTCCGAGGAGCTGCAGGTGTACTGATGGGAATGAAGTG  
GCCAAGGCCAGCAGGCAACTCCTGGGGAGCAGCCCCAACCATCTTCTCCCGGATCCTG  
GACAAGAGCCTCCCAGCTGACATTCTATGAGGACCAGCAGTGTCTTGTGTTCCGTGAT  
GTGGCCCCTCAGGCTCCTGTGCACTTCTGGTCATTCTAAGAAGCCATTCTCGGATT  
AGCCAGGCTGAAGAAGAAGACCAGCAGCTTCTAGGACACTACTCCTTGTGGCCAAGCAG  
ACAGCAAAGGCTGAGGGCCTGGGAGATGGATACCGACTTGTGATCAACGATGGGAAGCTG  
GGTGCACAATCTGTGTATCATCTGCACATTCATGTACTTGGGGCCGGCAGCTCCAGTGG  
CCTCCAGTTGA
```

Clone variation with respect to NM_032593.2



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032593 unedited</p> <pre>NNGGTCGACTTTTGTATACGACTCCTATAGGCGGCCGCGNATTCGGCACGAGGGCGCGCT CCATGGGGTAGCAGGGCTCGCCCGGCCGCACTACCCCGCTTCCCGCGCCCGGAGTCCC CACCCACGGCCGGCCGCGGAGCCGAGTGTGACCCGGGTGAGAGGTTCCCGCGGCTCAGG GAAGATGGCGGCAGCCGTGGTGTGGTGTGGTTGCGCGCGGCGCGCAGAGCCGTGGC GGCCACGGGGTGC CGCGGGGGCAGGTCGAGGAGCTGCAGGTGTGACTGATGGGAATGA AGTGGCCAAGGCCAGCAGGCAACTCCTGGGGGAGCAGCCCAACCATCTTCTCCCGGAT CCTGGACAAGAGCCTCCCAGCTGACATTCTATGAGGACCAGCAGTGTCTTGTGTCCG TGATGTGGCCCTCAGGCTCCTGTGCACTTCTGGTCATTCTAAGAAGCCCATCCTCG GATTAGCCAGGCTGAAGAAGAAGACCAGCAGCTTCTAGGACACCTACTCCTTGTGGCCAA GCAGACAGCAAAGGCTGAGGGCCTGGGAGATGGATACCGACTTGTGATCAACGATGGGAA GCTGGGTGCACAATCTGTGTATCATCTGCACANTTCATGTACTTGGGGGGCCGCGCAGTC CAGTGGCTCCAGTTGAACCTGCCAAGTATTAAGGACACCAGACTCTGGATGCTTGG ATGGAAAGGAAAAATGGACCCTGTGATGCTATNAAAAGTGTTCCTTANAAAAA AAAAAAAAAAAAAAAAACTCGACTCTANATTGCGNCCCGCTCCATTAGCTGNTTCTGGAC AATCCCCCGGGTGGCATCCCTGTGACCCCTNCCCATGCCTCTCTGGCCTTGGGGGAAGT TGCCACTCCAGTGC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032593 unedited</p> <pre>GAACCGCGGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAGG AGAACAGTTTTATTAGCATCACAGGGTCCATTTTTCCCTTCCATCCAAGCATCCAGAGT CTGGTGCCTTTAATCAGTTGGCAGGTTCAACCTGGAGGCCACTGGAGCTGCCGGCCCC AAGTACATGAATGTGCAGATGATACACAGATTGTGCACCCAGCTTCCCATCGTTGATCAC AAGTCGGTATCCATCTCCAGGCCCTCAGCCTTGTCTGTCTGGCCACAAGGAGTAG GTGTCCTAAAAGCTGCTGGTCTTCTTTCAGCCTGGCTAATCCGAGGAATGGGCTTCTT AGGAATGACCAGGAAGTGCACAGGAGCCTGAGGGGCCACATCACGGAACACAAGACTG CTGGTCTCATAGAGAATGTGAGCTGGGAGGCTTGTGTCAGGATCCGGGAGAAGATGGT TGGGGTCTCTCCCCAGGAGTTGCTGTGGGCCTTGGCCACTTCAATCCCATCAGTCAC ACCTGCAGCTCCTCGGACCTGCCCCCGCGCACCCCGTGGCCGCCACGGTTCTGCGCGC CGCGCGCAACCCAGCAGCCAGCACCCAGGGCTGCCGCCATCTTCCCTGAGCCGGGAAC CTCTCACCCGGGTGAGCACTCGGCTCCGCGGCCCGCCGTGGGTGGGACTCCGGGCGCGG GGAAANCGGGTANTGGCNGCCGGGCGAGCCCTGCTACCCATTGGAGCGCGCCCTCGTGC CGAATTCGCGGNCGCCCTATAGTGAGTCGTATTACAAAATCTGACGGTCACTAACGAGCT CTGCTATATAGACTNNCACGTACACGCTACCGCATTGCGTAACGGGGCGGGTATTACGA ATTTGNAAGNCCGTGATTTGTGCAAACAACCTCCATGACTNATGGGGTGAAGTGAATC CNGGAGCAACGCTTCCAGCCATGGTGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032593
Insert Size:	820 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).
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:	NM_032593.2 , NP_115982.1
RefSeq Size:	652 bp
RefSeq ORF:	492 bp
Locus ID:	84681
UniProt ID:	Q9BX68
Cytogenetics:	9p13.3
Domains:	HIT
Gene Summary:	Histidine triad proteins, such as HINT2, are nucleotide hydrolases and transferases that act on the alpha-phosphate of ribonucleotides (Brenner, 2002 [PubMed 12119013]).[supplied by OMIM, Mar 2008]