

## Product datasheet for **SC120416**

### **HINT3 (NM\_138571) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HINT3 (NM_138571) Human Untagged Clone
Tag:	Tag Free
Symbol:	HINT3
Synonyms:	HINT4
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120416 sequence for NM_138571 edited (data generated by NextGen Sequencing) ATGGCGGAGGAACAGGTGAACCGCAGCGCCGGCCTGGCCCCGACTGTGAGGCCTCGGCG ACTGCAGAAACTACGGTTTCCTCAGTGGGGACCTGTGAAGCCGCTGCCAAGTCACCAGAG CCCAAGGACTACGACAGCACCTGCGTGTCTGCCGGATCGCGGGGCGGCAGGACCCGGGC ACCGAACTCCTGCACTGCGAGAATGAGGACCTAATTTGCTTCAAAGATATCAAACCAGCA GCAACTCATCATTATCTTGTGGTGCCAAAGAAGCATATTGAAAACGCAGAACTCTAAGG AAAGATCAAGTAGAACTGGTTGAGAACATGGTAACTGTTGGAAAAACCATTCTTGAAAGA AATAATTTCACTGACTTCACGAATGTGAGGATGGGTTTTATATGCCACCATTCTGTTCC ATTTCCCACTTGCACCTTCATGTTCTGGCACCAGTGGATCAGCTTGGCTTCTTATCCAAG TTGTTTTATAGAGTCAATTCCTATTGGTTTATCACAGCTGATCACTTGATTGAAAACTA AGAACATGA  Clone variation with respect to NM_138571.4 107 g=>c



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_138571 unedited NGTCAAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCGGTAGCCC TGGAGAGGCCGAGGCTCTAGGCCGCGAGGGCGGGTGCAATGGCGGAGGAACAGGTGAAC CGCAGCGCCGGCTGGCCCCGACTGTGAGGCCTCGGCGACTGCAGAACTACGGTTTCC TCAGTGGGACCTGTGAAGCCGTGCCAAGTACCAGAGCCCAAGGACTACGACAGCACC TGCGTGTCTGCCGGATCGCGGGCGGCAGGACCCGGCACCGAACTCCTGCCTGCGAG AATGAGGACCTAATTTGCTTCAAAGATATCAAACCAGCAGCAACTCATCATTATCTTGTG GTGCCAAAGAAGCATATTGGAACTGCAGAACTCTAAGGAAAGATCAAGTAGAACTGGTT GAGAACATGGTAACTGTTGGAAAAACCATTCTTAAAAGAAATAATTTCACTGACTTCACG AATGTGAGGATGGGTTTTATATGCCACCATTCTGTTCCATTTCCCACTTCCCCTTTTCA TGTCTGGCACCAGTGGATCAGCTTGGCTTCTTATCCAAGTTGGTTTATAGAGTCAATTC CTATTGGTTTATCACAGCTGATCACTTGATTGAAAACTAAGAACATGAAAATGTCAAGA GTGGNAAGATTTTCTAATCTTGGTTCACATGAAGTGGTAATTTAAGTCCCTTTAAGTC TAATTGCATTTTAAAGAATTGNTGGGTTTTATGAGAGGCTGTTACTTAGTGGCCTTAAATC TTTTCTGAATGTCTGTTTCTAAGATCTGTGAACCAGTTATGTGAAATATTTTGGTACTG ACTTTGTTCATGGGGTACTGATTANGGATTTATATATATGATACTATAGATAAAATCTAT TTAGACANATCTGTTATCACAGGCGCTGGATTTTTTTAAGTAAAATTTTCATTCTAGAA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_138571
<b>Insert Size:</b>	4000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_138571.3</a> , <a href="#">NP_612638.2</a>
<b>RefSeq Size:</b>	1504 bp
<b>RefSeq ORF:</b>	549 bp
<b>Locus ID:</b>	135114
<b>UniProt ID:</b>	<a href="#">Q9NQE9</a>
<b>Cytogenetics:</b>	6q22.32
<b>Domains:</b>	HIT

**Gene Summary:**

Histidine triad proteins, such as HINT3, are nucleotide hydrolases and transferases that act on the alpha-phosphate of ribonucleotides (Brenner, 2002 [PubMed 12119013]).[supplied by OMIM, Mar 2008]