

## Product datasheet for SC318911

### HHAT (NM\_001122834) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** HHAT (NM\_001122834) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** HHAT  
**Synonyms:** MART2; SKI1; Skn  
**Vector:** pCMV6 series  
**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001122834, the custom clone sequence may differ by one or more nucleotides

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ATGCTGCCCGATGGAACTGGCACTTTACCTACTTGCCTCACTAGGCTTCCACTTCTAT
TCCTTCTATGAAGTTTACAAAGTCTCCAGAGAACACGAAGAGGAGCTGGACCAGGAATTT
GAGCTGGAGACTGACACTTTATTTGGAGGATTAAGAAGGATGCGACCGACTTTGAGTGG
AGCTTCTGGATGGAATGGGGGAAGCAGTGGCTGGTGTGGCTTCTCCTTGGCCACATGGTA
GTGTCTCAAATGGCCACACTGCTGGCAAGAAAGCACAGACCCTGGATTCTCATGCTCTAT
GGGATGTGGCCCTGCTGGTGTGTGCTGGGGACCCCTGGTGTGGCTATGGTTTTGCTCCAT
ACCACCATCTCTTCTGCGTGGCCAGTTCGGTCTCAGCTCCTGACGTGGCTCTGTTCT
CTCCTCCTCCTCCTCACACTGAGGCTGCAGGGTGTGGAAGAAGTTAAGAGAAGGTGGTAC
AAGACAGAAAACGAGTACTACCTGCTGCAGTTCACGCTGACCGTTTCGCTGCCTGTACTAC
ACCAGCTTCAGCCTGGAGCTCTGCTGGCAGCAGCTGCCTGCTGCATCGACCTCCTACTCC
TTTCCCTGGATGCTGGCCTATGTCTTTTATTATCCAGTCTTACACAATGGGCCCATCCTC
AGCTTCTCGGAGTTCATCAAACAGATGCAGCAGCAGGAGCATGACTCCCTGAAGGCCAGC
CTGTGTCTCCTGGCCCTGGGGCTGGGCCGCCTTCTTGTGGTGGTGGCTGGCCGAGCTG
ATGGCTCACCTGATGTACATGCATGCCATCTACAGCAGCATCCCCCTCCTGGAGACTGTC
TCTTGTGGACCTTAGGAGGACTGGCGTTAGCCCAGGTGCTCTTTTTCTACGTGAAGTAC
TTGGTGTCTTTGGCGTGCCTGCTCTGCTCATGCGCCTGGATGGACTCACTCCACCCGCC
CTCCCCGCTGCGTGAGCACCATGTTTCAGTTTACCGGGATGTGGAGGTATTTTGTGTT
GGACTGCATAATTTCTTAATCAGGTATGTGTACATTCCAGTGGGCGGGTCCCAGCATGGC
CTGCTGGGACACTGTTTTCCACGGCGATGACATTTGCATTTGTGAGCTACTGGCATGGC
GGCTACGACTACCTCTGGTGTGGGCAGCGCTCAACTGGCTGGGAGTCACTGTGGAGAAT
GGAGTCCGGAGGCTGGTGGAGACTCCCTGCATCCAGGACAGTCTGGCCCGATACTTCTCC
CCACAAGCTCGCGTCGATTCCACGCTGCCCTTGCTTCTTGTTCACCTCGATGCTGATC
CTGTCCAACCTGGTATTTCTTGGGGCAATGAGGTTGGGAAAACCTACTGGAATAGGATC
TTCATACAAGGCTGGCCTTGGGTGACCCTCTGTCTGCTGGGATTCTGTACTGCTACTCC
CACGTGGGCATTGCCTGGGCCAGACCTACGCCACGGAC
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**Restriction Sites:** Please inquire  
**ACCN:** NM\_001122834



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<b>Insert Size:</b>	3575 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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<u>NM_001122834.1, NP_001116306.1</u>
<b>RefSeq Size:</b>	3575 bp
<b>RefSeq ORF:</b>	1482 bp
<b>Locus ID:</b>	55733
<b>UniProt ID:</b>	<u>Q5VTY9</u>
<b>Cytogenetics:</b>	1q32.2
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	'Skinny hedgehog' (SK11) encodes an enzyme that acts within the secretory pathway to catalyze amino-terminal palmitoylation of 'hedgehog' (see MIM 600725).[supplied by OMIM, Jul 2002] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 6 encode the same 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.