

Product datasheet for **SC328809**

HHAT (NM_001170587) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HHAT (NM_001170587) Human Untagged Clone
Tag:	Tag Free
Symbol:	HHAT
Synonyms:	MART2; SKI1; Skn
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001170587, the custom clone sequence may differ by one or more nucleotides

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ATGTCGCTGGGACTCGGAAGTGCCGAAAGAGGGGTGTTGGAACTCGCGGCGCGCTGAA
CGTTGCCGTCGCGCGCCCGGGACAGCCCGGAGAACACGAAGAGGAGCTGGACCAGGAA
TTTGAGCTGGAGACTGACACTTTATTTGGAGGATTAAGAAGGATGCGACCGACTTTGAG
TGGAGCTTCTGGATGGAATGGGGAAAGCAGTGGCTGGTGTGGCTTCTCCTTGCCACATG
GTAGTGTCTCAAATGGCCACACTGCTGGCAAGAAAGCACAGACCCTGGATTCTCATGCTC
TATGGGATGTGGGCTGCTGGTGTGTGCTGGGGACCCCTGGTGTGGCTATGGTTTTGCTC
CATACCACCATCTCTTTCTGCGTGGCCAGTTCGGTCTCAGCTCCTGACGTGGCTGTGT
TCTCTCCTCCTCCTCCACACTGAGGCTGCAGGGTGTGGAAGAAGTTAAGAGAAGGTGG
TACAAGACAGAAAACGAGTACTACTGCTGCAGTTCACGCTGACCGTTGCTGCCTGTAC
TACACCAGCTTCAGCCTGGAGCTCTGCTGGCAGCAGCTGCTGCTGCATCGACCTCCTAC
TCCTTTCCCTGGATGCTGGCCTATGTCTTTTATTATCCAGTCTTACACAATGGGCCATC
CTCAGCTTCTCGGAGTTCATCAAACAGATGCAGCAGCAGGAGCATGACTCCCTGAAGGCC
AGCCTGTGTGCTCGCCCTGGGCTGGGCCGCTTCTTTGCTGGTGGTGGCTGGCCGAG
CTGATGGCTCACCTGATGTACATGCATGCCATCTACAGCAGCATCCCCCTCCTGGAGACT
GTCTCTTGTGGACCTTAGGAGGACTGGCGTTAGCCCAGGTGCTTTTTTCTACGTGAAG
TACTTGGTGTCTTTGGCGTGCCTGCTCTGCTCATGCGCCTGGATGGACTCACTCCACCC
GCCCTCCCCGCTGCGTGAGCACCATGTTCAAGTTTACCAGGATGTGGAGGATTTTTGAT
GTTGGACTGCATAATTTCTAATCAGGTATGTGTACATTCCAGTGGGCGGGTCCCAGCAT
GGCCTGCTGGGGACACTGTTTTCCACGGCGATGACATTTGCATTTGTGAGCTACTGGCAT
GGCGGCTACGACTACCTCTGGTGTGGGACGCGCTCAACTGGCTGGGAGTCACTGTGGAG
AATGGAGTCCGGAGGCTGGTGGAGACTCCCTGCATCCAGGACAGTCTGGCCCGATACTTC
TCCCCACAAGCTCGCCGTCGATTCCACGCTGCCCTTGCTTCTTGTTCACCTCGATGCTG
ATCCTGTCCAACCTGGTATTTCTGGGGCAATGAGGTTGGGAAAACCTACTGGAATAGG
ATCTTCATACAAGGCTGGCCTTGGGTGACCCTCTCTGCTCCTGGGATTCTGTACTGCTAC
TCCCACGTGGGCAATTGCCTGGGCCAGACCTACGCCACGGACTAA

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Restriction Sites:	Please inquire
ACCN:	NM_001170587
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).
OTI Annotation:	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.
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_001170587.1</u> , <u>NP_001164058.1</u>
RefSeq Size:	3507 bp
RefSeq ORF:	1485 bp
Locus ID:	55733
UniProt ID:	<u>Q5VTY9</u>
Cytogenetics:	1q32.2
Protein Families:	Transmembrane
Gene Summary:	'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 (5) differs in the 5' UTR and 5' coding region and initiates translation at an upstream start codon, compared to variant 1. The encoded isoform (4) has a longer N-terminus, compared to 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.