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Product datasheet for SC113635

HHAT (NM_018194) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HHAT (NM_018194) Human Untagged Clone
Tag:	Tag Free
Symbol:	HHAT
Synonyms:	MART2; SKI1; Skn
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018194, the custom clone sequence may differ by one or more nucleotides

ATGCTGCCCCGATGGGAACTGGCACTTTACCTACTTGCCTCACTAGGCTTCCACTTCTATTCCTTCTATG
AAGTTTACAAAGTCTCCAGAGAACACGAAGAGGAGCTGGACCAGGAATTTGAGCTGGAGACTGACACTTT
ATTTGGAGGATTAAAGAAGGATGCGACCGACTTTGAGTGGAGCTTCTGGATGGAATGGGGGAAGCAGTGG
CTGGTGTGGCTTCTCCTTGGCCACATGGTAGTGTCTCAAATGGCCACACTGCTGGCAAGAAAGCACAGAC
CCTGGATTCTCATGCTCTATGGGATGTGGGCCTGCTGGTGTGTGCTGGGGACCCCTGGTGTGGCTATGGT
TTTGCTCCATACCACCATCTCTTTCTGCGTGGCCCAGTTCCGGTCTCAGCTCCTGACGTGGCTCTGTTCT
CTCCTCCTCCTCTCCACACTGAGGCTGCAGGGTGTGGAAGAAGTTAAGAGAAGGTGGTACAAGACAGAAA
ACGAGTACTACCTGCTGCAGTTCACGCTGACCGTTCGCTGCCTGTACTACACCAGCTTCAGCCTGGAGCT
CTGCTGGCAGCAGCTGCCTGCTGCATCGACCTCCTACTCCTTTCCCTGGATGCTGGCCTATGTCTTTTAT
TATCCAGTCTTACACAATGGGCCCATCCTCAGCTTCTCGGAGTTCATCAAACAGATGCAGCAGCAGGAGC
ATGACTCCCTGAAGGCCAGCCTGTGTGTCCTGGCCCTGGGGCTGGGCCGCCTTCTTTGCTGGTGGTGGCT
GGCCGAGCTGATGGCTCACCTGATGTACATGCATGCCATCTACAGCAGCATCCCCCTCCTGGAGACTGTC
TCTTGTTGGACCTTAGGAGGACTGGCGTTAGCCCAGGTGCTCTTTTTCTACGTGAAGTACTTGGTGCTCT
TTGGCGTGCCTGCTCTGCTCATGCGCCTGGATGGACTCACTCCACCCGCCCTCCCCCGCTGCGTGAGCAC
CATGTTCAGTTTCACCGGGATGTGGAGGTATTTTGATGTTGGACTGCATAATTTCTTAATCAGGTATGTG
TACATTCCAGTGGGCGGGTCCCAGCATGGCCTGCTGGGGACACTGTTTTCCACGGCGATGACATTTGCAT
TTGTGAGCTACTGGCATGGCGGCTACGACTACCTCTGGTGCTGGGCAGCGCTCAACTGGCTGGGAGTCAC
TGTGGAGAATGGAGTCCGGAGGCTGGTGGAGACTCCCTGCATCCAGGACAGTCTGGCCCGATACTTCTCC
CCACAAGCTCGCCGTCGATTCCACGCTGCCCTTGCTTCTTGTTCCACCTCGATGCTGATCCTGTCCAACC
TGGTATTTCTTGGGGGCAATGAGGTTGGGAAAACCTACTGGAATAGGATCTTCATACAAGGCTGGCCTTG
GGTGACCCTCTCTGTCCTGGGATTCCTGTACTGCTACTCCCACGTGGGCATTGCCTGGGCCCAGACCTAC
GCCACGGACTAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018194 unedited
GGCAGTATTTTGTAATACGACTCACTATAGGGCGGCNCGCGATTCGGCACCAGCGTGCTC
GGAGGACGCGCGCTGCGCTGCTCCTCCAAGGGCAGCTCCGGGGGAAAGAGGGTGGCGTCC
CGGGGAAGCCCGCAGCCGCCGCCGATGTCGCTGGGACTCGGAAGTGCCGAAAGAGGGGTG
TTGGGAACTCGCGGCGCGCGTGAACGTTGCCGTCGCCGCCGCCCGGGACAGCCCGGAGAA
ACTCTCAGCGTAGGCATCGGGAACCTTCGTGCCAAGGAGCCATGCTGCCCCGATGGGAAC
TGGCACTTTACCTACTTGCCTCACTAGGCTTCCACTTCTATTCCTTCTATGAAGTTTACA
AAGTCTCCAGAGAACACGAAGAGGAGCTGGACCAGGAATTTGAGCTGGAGACTGACACTT
TATTTGGAGGATTAAAGAAGGATGCGACCGACTTTGAGTGGAGCTTCTGGATGGAATGGG
GGAAGCAGTGGCTGGTGTGGCTTCTCCTTGGCCACATGGTAGTGTCTCAAATGGCCACAC
TGCTGGCAAGAAAGCACAGACCCTGGATTCTCATGCTCTATGGGATGTGGGCCTGCTGGT
GTGTGCTGGGGACCCCTGGTGTGGCTATGGTTTTGCTCCATACCACCATCTCTTTCTGCG
TGGCCCAGTTCCGGTCTCAGCTCCTGACGTGGCTCTGTTCTCTCCTCCTCCTCTCCCACT
GNAGCTGCANGGTGTGGAAGAAGTTAAGAGAAGGTGGTACAAGACAGANAACGAGTACTA
CCTGCTGCAGNTCACGCTGACCGTTCGCTGCCTCTACTACACCAACTTCAGCCTGGAGCT
CTGCTGGCAGCAGCTGCCTGCTGCATCGACCTCCTACTNCTTTCCCTGGATGCTGGCCTA
TGTCTTTNATTATCCAGTCTTACACATGGGNCCN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018194 unedited
TATGAAACGCAGGCACGCAATTCTAGAATACGAGTTTTTTTTTTTTTTTTTTTTTAAAC
ACAGTAATCATTTATTAATCTCCTCGAAAACCATTATGAATCATATAATAGTTTAAAAGA
GATTCAGGATTACCACTTTCAAATATATCCACTGACGCTTCCAAAGTAGTTTAATGAATG
AATAAACCTATTTGTTTGTATATAAATGGTATACTTGGAAGAGCTCAAAACTTTTGTATT
ACTTATATGTGCACATACATTAGACACTTCCCTATCATCATTTTTACTCCCTTTTTTCTT
AACAAGCCCTTTCTTTCCAAGTAAACTTCAGTCAGACTCCCTTTGGTTCCCCATAAATCC
TCACTCACTGTTGGTCCATCAACGCCTCACTGCGCTCATTAAAGCGCTTCCTCCTCCCTT
AAGCCCATTCCCTTCTATCATTTCTCCCCCCCCCCCGCATTACCTGTTCCCTCCCCCTTT
CTCTCCCACCTCCCATTACTCTTTTTCTCTCTTTCTCTTATCCCCACCCCTTTTTCCCCT
CCTTTTTCTCTTCTTTTTTCTTCATTGTCCTCCCTCACCCCTTCCCCCCCTCTCCACCTC
CACTGTTATCTTTGCCGCTTCCCCCCCGCCCTTCCCCCTCTTTTTCTCCTGCCTTTTTCT
GTTCCCCATCTTGTTTCTTTTGCCCTCCCCCTCCTTTCCCCTTCCTCCCTTTCTCTCTTA
CTCTCGCATCTCCCCCCTCCCCCCTCACCCCCTTTACACTACCCCATCCCCTTCTCCCAT
CGTCCCTTTCTTCTTTCCTATTATCCCTCACCTTTCACCCCACTATTATTGTCCACTCTG
CCTATTTTATTTTCCAGCCCCTCTCGCCCTGTAATCAGCTGTCTAGTTATGTTACTCTCA
TCNATGTCTCTCTCTGACTGCAGCCCCCTGGACCCACATACACCCCATGCT

Restriction Sites: NotI-NotI

ACCN: NM_018194

Insert Size: 4000 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:	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_018194.1, NP_060664.1
RefSeq Size:	3598 bp
RefSeq ORF:	1482 bp
Locus ID:	55733
UniProt ID:	Q5VTY9
Cytogenetics:	1q32.2
Domains:	MBOAT
Protein Families:	Transmembrane
Gene Summary:	'Skinny hedgehog' (SKI1) 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 (1) represents the longest transcript and encodes isoform (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.