

Product datasheet for **MC218004**

Hhat (BC008159) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hhat (BC008159) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hhat
Synonyms:	MGC11697, Skn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC008159
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGCCGGGTGGAACTGACTCTCTGCCTGCTTGTTCCTTGGGTTTCCACTCCGCTCTTTCTATG
AAGTTTACAAAGTCTCCAGAGAGCATGAAGAGGAAGTGGATCAAGAATTTGAGCTGGAGATGGACTCT
ATTTGGAGGACTGAAGAAGGACCCGACTGATTTTGTGGAAGTCTGGATGGAATGGGGGAAGCGGAGG
CTGGTGTGGCTCTTCAATGGCCATATGGCTGTGTCTCAGTTGGCCACGTTACTCACAAGAAGCACAGAC
CCTGGATTGTCATGGTCTATGGAATGTGGGCTGCTGGTGTGTGCTGGGGCGCCAGGCGTGGTCTGGT
CCTTCTCCACAGCACCATCGGTTCTGCGTGGCTCAGTCCGATCCGTCCTGTCTGGCTGTGTTCT
CTCCTTCTGCTCTCCACCCTAAGGCTGCAAAGTGTGGAGGAAGTTAAGAGAAGGTGTTACAAGACAGAGA
ACGAGTATTACCTGCTCCAGTTTACGCTACTGTTGCTGCTGACTACACCAGCTTCAGCCTGGAGCT
GTGCCGCGAGCCTCCGCTGTCACAACCTACTCCATCTGCGCAAGGTGCCTCCATTCTACCCGTGGCTG
CTGACCTACGTCTTCTATTATCCCGTCTCCACAACGGGCCCATCTTAACCTCCCGGAGTTCTTCAGAC
AGATGCAGCAGCCAGAGCTCAACTCTCTGCAGCACAGCCTCTGCATTGTAGCCAAGGGCCTGGGTGCT
GCTCTGCTGGTGGTGGCTGGCTGAACTGATGGTACACCTCATGTACATGCATGCCCTCTACAGCAGCGCC
CCCCTCTGGAGAGCGTTTCTGCTGGACCTTAGGAGGACTGGCGCTGGCCCAAGTGTCTTCTTTCTATG
TGAAGTACCTGGTGTCTTTGGTGTCCCGGCTCTGCTCATGCGCCTGGATGGACTCACGCCACCACCTCT
TCCCCGCTGCGTGAGCACCATGTTCAAGTTTACCGGATGTGGAGGATTTTGTGTTGGACTACACAAT
TTCTTAATCAGGTATGTGTACATCCACTGGGCGGGTCCAGCATGGCCTGTTGGGGACTGCTTTCTA
CTGCAACAACGTTTGCCTCGTGTGAGTACTGGCATGGTAGCTATGAGGACCTCTGGTGGCAGCGCT
CAACTGGCTGGGAGTCACTGTGGAGAGTGGGGTCCGGAGGCTGCTAGAGACACCCTGTGTCCGGGAGACT
TTGGCCCGGCACCTCTCCCCACAAGCCACCATCGACTGCACGCTCTGCTTGGCCCTGCTACCTCCA
TGCTCATCTCTTCAACCTGGTGTCTCTCGGGGAATTCAAGTTGGGAAAACCTACTGGAACAGGATCTT
CCTGCAAGCAGCCTTCAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: BC008159

Insert Size: 1422 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: [BC008159](#), [AAH08159](#)
RefSeq Size: 1832 bp
RefSeq ORF: 1421 bp
Locus ID: 226861
Cytogenetics: 1 H6
Gene Summary: Catalyzes N-terminal palmitoylation of SHH; which is required for SHH signaling during limb development. May bind GTP.[UniProtKB/Swiss-Prot Function]