

Product datasheet for **MC217055**

Hhat (NM_144881) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hhat (NM_144881) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hhat
Synonyms:	2810432O22Rik; AI462858; AP-2CRE; Skn; Tg(TFAP2A-cre)1Will
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC217055 representing NM_144881
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGCCGGGTGGAACTGACTCTCTGCCTGCTTGTTCCTTGGGTTTCCACTCCGCTCTTTCTATG
 AAGTTTACAAAGTCTCCAGAGAGCATGAAGAGGAAGTGGATCAAGAATTTGAGCTGGAGATGGACTCT
 ATTTGGAGGACTGAAGAAGGACCCGACTGATTTTGTGGAAGTCTGGATGGAATGGGGGAAGCGGAGG
 CTGGTGTGGCTCTTCAATGGCCATATGGCTGTGTCTCAGTTGGCCACGTTACTCACAAGAAGCACAGAC
 CCTGGATTGTCATGGTCTATGGAATGTGGGCTGCTGGTGTGTCTGGGGCGCCAGGCGTGGTCTGGT
 CCTTCTCCACAGCACCATCGGTTCTGCGTGGCTCAGTCCGATCCGTGCTCCTGTCTGGCTGTGTCT
 CTCCTTCTGCTCTCCACCCTAAGGCTGCAAAGTGTGGAGGAAGTTAAGAGAAGGTGTTACAAGACAGAGA
 ACGAGTATTACCTGCTCCAGTTTACGCTACTGTTGCTGCTGACTACACCAGCTTCAGCCTGGAGCT
 GTGCCGCGAGCCTCCGTCTGCACAACCTACTCCATCTGCGCAAGGTGCCTCCATTCTACCCGTGGCTG
 CTGACCTACGTTCTATTATCCCGTCTCCACAACGGGCCATCCTTAACCTCCCGGAGTTCTTCAGAC
 AGATGCAGCAGCCAGAGCTCAACTCTCTGCAGCACAGCCTCTGCATTGTAGCCAAGGGCCTGGGTGCT
 GCTCTGCTGGTGGTGGCTGGCTGAACTGATGGTACACCTCATGTACATGCATGCCCTCTACAGCAGCGCC
 CCCCTCTGGAGAGCGTTTCTGCTGGACCTTAGGAGGACTGGCGCTGGCCCAAGTGTCTTCTTTCTATG
 TGAAGTACCTGGTGTCTTTGGTGTCCCGGCTCTGCTCATGCGCCTGGATGGACTCACGCCACCACCTCT
 TCCCGCTGCGTGAGCACCATGTTCAAGTTTACCGGATGTGGAGGATTTTGTGTTGGACTACACAAT
 TTCTTAATCAGGTATGTGTACATCCACTGGGCGGTCCAGCATGGCCTGTTGGGGACTGCTTTCTA
 CTGCAACAACGTTTGCCTGCTGAGTACTGGCATGGTAGCTATGAGGACCTCTGGTGTGGCAGCGCT
 CAACTGGCTGGGAGTCACTGTGGAGAGTGGGGTCCGGAGGCTGCTAGAGACACCCTGTGTCCGGGAGACT
 TTGGCCCGGCACCTCTCCCCACAAGCCACCATCGACTGCACGCTCTGCTTGGCCCTGCTACCTCCA
 TGCTCATCTCTTCAACCTGGTGTCTCTCGGGGAATTCAAGTTGGGAAAACCTACTGGAACAGGATCTT
 CCTGCAAGGGTGGCCATGGGTGACTCTGTCTGTCTGGGATTCTGTACTGCTATTCTCACGTGGACATT
 GCTTGGGCTCAGACATACACAGTTCTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1549_b04.zip

Restriction Sites: SgfI-MluI

ACCN: NM_144881

Insert Size: 1500 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_144881.4](#), [NP_659130.2](#)

RefSeq Size: 2835 bp

RefSeq ORF: 1500 bp

Locus ID: 226861

UniProt ID: [Q8BMT9](#)

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]