

Product datasheet for **MC203592**

Hhip (NM_020259) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hhip (NM_020259) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hhip
Synonyms:	Hhip1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC053012
 AGAAGCTGCAGCCGCCGGCAGAGGAGACCTCAGCATCCTCGGGAGCCCAGCGCCAACCCTGCCTCCGCC
 GGCCCGTGCACCACCGCCGCCCTTCGGTTCCTGCTACTGTCTCACCTAAACAACCTCCATTACAGCG
 ACAAGCGAAGTTCTATGACTCTCTTCTCCTCTCCTTCTCCTCTTCTTCCAACCTCTTCTCCTCCACTT
 CCCAACCGCTGTGAAAGCCCCTAACCCAACAGACGCTGGCAAGGCTGCGGACAAGTGTGATCTGCACTT
 TATCTTGCTGCTCCTACTGCCCTAAGGCAAAGTGCATAGCTCTACATCTTTCTTTCCAGCCACCTCCC
 TCTGCCCCCAAGAGCGTCCCGCCGCCCGCAGCACTCTCCTGGAGCTGCGCCCTAGTGCCTGCTGGGC
 AGTGGCCTTTCCCCACCCCATCCTCCCGCTCCTGCCCTTGTGCTCCGGGCGAGACGATGCTGAAGATG
 CTCTCGTTTAAAGCTGCTACTGCTGGCCGTGGCTCTGGGCTTCTTTGAAGGAGATGCGAAGTTTGGGAAA
 GGAACGAGGGGAGCGGAGCGAGAAGGAGACGGTGCCTGAATGGGAACCCCAAGCGCCTAAAGAGAAG
 GGACAGGCGGGTATGTCCAGCTGGAGCTGCTCAGTGGAGGAGAGATCCTGTGTGGTGGCTTACCCA
 CGAGTATCTTGCTGCCTGCAGAGTGACAGCCCTGGATTGGGGCTCTGGAGAACAAGATCTTTCTGCCA
 CCAACAACCTCAGAATGCAGCAGGCTGCTGGAGGAGATCCAATGTGCTCCTGCTCCCGCATTCCAGAG
 CCTCTTACACACCTGAAAGAGATGCTCCTGGATGGGGACCTAGCACTTCCACTCCTCTGCAAAGACTAC
 TGCAAAGAATTTTATACTTGCCGAGGCCATATTCCAGGTCTTCTTCAAACAACCTGCTGATGAATTTT
 GCTTTTACTATGCAAGAAAAGATGCTGGGTTATGCTTTCCAGACTTCCCGAGAAAAGCAAGTCAGAGGACC
 AGCATCTAACTACTTGGGCCAGATGGAAGACTACGAGAAAAGTGGGGGGATCAGCAGAAAACACAACAC
 AACTGCCTCTGTGTCAGGAGGTGATGAGTGGGCTGCGGCAGCCTGTGAGCGCTGTGCACAGCGGGGATG
 GCTCCCATCGGCTCTTCACTTAGAGAAGGAAGGCTACGTGAAGATTCTAACCCAGAAAGGAGAAGTGT
 CAAGGAGCCTTACTTGGACATTCACAACTTGTCAAAGTGAATAAAGGGAGGAGACGAAAGGGGCGCTG
 CTAAGCCTGGCATTCCATCCCAATTACAAGAAAAATGGAAGCTGTATGTGCTTATACCACCAACCAGG
 AACGGTGGGCTATTGGGCTCACGACCACATCTTCCGGTGTGGAATACACAGTATCCAGGAAAAACCC
 CCATCAAGTTGATGTGAGAACAGCCAGGTTGTTCTGGAAGTCGACAGCTCCACGAAAGCATTTGGG
 GGACAGCTGCTCTTGGTCTGATGGCTTTTTGTACATCCTTGGGGATGGTATGATCACATTGGATG
 ACATGGAAGAGATGGATGGGTTAAGTGACTTCACAGGCTCTGTGCTGAGGCTGGACGTCGACACCGACAT
 GTGCAATGTGCCTATTCCATACCTCGGAGTAACCCTCACTTCAACAGCACCAACCAGCCCCAGAAGTA
 TTTGCCACGGCTCCATGATCCAGGCAGATGTGCCGTGGATCGACATCCTACTGATATAAACATCAATT
 TAACAATACTTTGCTCAGATTCCAACGGGAAAAACAGGTCATCAGCCAGAATCCTACAGATAATAAAGGG
 AAGAGTTATGAAAGTGAGCCATCTCTTCTGAATTCAAGCCATTGATGACGGCCCTTTGGTGGTGGGA
 TTTGTTTACAGAGGCTGTCAGTCTGAAAGATTGTACGGAAGCTATGTGTTCCGAGATCGCAATGGGAATT
 TCTTAACCCTCCAGCAAAGCCCAGTGACCAAGCAATGGCAAGAAAAGCCGCTCTGCTGGGTGCCAGCAG
 CTCTGTGCGAGGCTACTTTTCGGGTACATCTTGGGATTTGGAGAAGATGAATTAGGAGAGGTTTACATT
 CTATCAAGCAGTAAGAGTATGACCCAGACTCACAATGGA AAAACTCTACAAGATCGTAGACCCAAAAGAC
 CTTAATGCCTGAGGAATGCAGAGTCACAGTTC AACCTGCCAGCCACTGACCTCCGATTGCTCCCGGCT
 CTGTGCAAACGGCTACTACCCCCACTGGCAAGTGTGCTGCAGTCCCGGCTGGGAGGGAGACTTCTGC
 AGAATTGCCAAGTGTGAGCCAGCGTGCCGTCATGGAGGTGTCTGTGTCAGACCGAACAAGTGCCTGTGA
 AAAAGGGCTATCTTGGTCTCAATGTGAACAAGTGGACAGGAACGTCGAGAGTACCAGGGCAGGAT
 CCTTGATCAGATCATTGACATGACGCTTACTTGTGATCTCACAAGTTACATTGTATAGTTTCTGGGA
 CAGTTCGAGTCTATCTTCCAGTGGGCATTTATTTTACCTTGTATCATTAAAAAGAGAGACTGTCCTT
 CTGCTACACACCTCTGTGATTTTATTCTTTTGTAGTAAATTTAAAAGCAATTATCAGAAATGTACAGCTC
 TCAGCATGTATGTTGGCACATTTCTTACATCTGCATACACACGACAACCCCAAACCTCGAGTTGTATA
 ACAGAAGGATTTTTTGTGTGTTTTGTTTTGTTTTAATATCTACTTGTGATGGAGTACTTTACAC
 AGAAGTCCACTGCAAATTCGTACAGAGTTTTTATGGCATTGGAAGATATTCTTTTACATTTACAGAA
 ATTCTGTCTGAATTAAGTTGACCTTAGTAGGGTTTTGAAATGTTCTTGTGCAATGTAGTGGAAAGT
 ATTTTTATATTAAGGTCTATAATAAGAGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_020259

Insert Size: 2103 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:	<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:	BC053012 , AAH53012
RefSeq Size:	3057 bp
RefSeq ORF:	2103 bp
Locus ID:	15245
UniProt ID:	Q7TN16
Cytogenetics:	8 37.95 cM
Gene Summary:	Modulates hedgehog signaling in several cell types, including brain and lung through direct interaction with members of the hedgehog family. Soluble forms inhibit Shh-induced differentiation in the fibroblast cell line C3H/10T1/2.[UniProtKB/Swiss-Prot Function]