

Product datasheet for **RN207510**

Ihh (NM_053384) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ihh (NM_053384) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ihh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207510 representing NM_053384 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTCCCGCTGGCTCCGGCCCCGACTGCGCTTCTGTCTGCTCCTGCTGCTGCTGCTTCTGGTGCCGG
CGGCGCGGGCTGCGGGCCGGCCGGGTGGTGGGCAGCCCGGAGGCCCTCGTAAACTCGTGCCTCT
TGCTACAAGCAGTTTCAAGGAGCTCACCCCAACTACAATCCCGACATCATCTTCAAAGACG
ATCGCGCGCAGCTCTGAGCGCTTCAAGGAGCTCACCCCAACTACAATCCCGACATCATCTTCAAAGACG
AGGAGAACACCGGTGCCGACCGCTCATGACCCAGCGCTGCAAGGACCGTCTGAACCTCACTGGCCATCTC
TGTGATGAACAGTGGCCGGGTGTGAAGCTGCGGGTACGGAAGGCTGGGATGAAGACGGCCATCACTCA
GAGGAATCTTTACTATGAGGGCCGCGCGGTGGATATCACACCTCAGACCGGACCGAAATAAGTACG
GACTACTGGCGCGCTTAGCAGTGGAGGCCGGCTTCGACTGGTGTATTACGAGTCCAAGGCCACGTTCA
TTGCTCTGTCAAGTCTGAGCACTCGGCTGCTGCCAAGACAGGTGGCTGCTTCTGCCGGAGCCAGGTC
CACCTAGAAACTGGGAGCGTGTGGCCCTGTCAGCTGTGAAGCCAGGAGACCGGGTCTGGCCATGGGG
AAGATGGCAACCCACCTTCAGCGATGTGCTCATTTTCTGGACCGTGAAGCCAGGAGACCGGGTCTGGCCATGGGG
CCAGGTGATCGAGACTCAGGATCCTCCAGTCCGGCTGGCACTCACGCCTGCCACCTGCTTTCATTGCG
GACAATCATAAGAACAGCAGCCCGCTTCCGGGCCACGTTTCCAGCCAGTGCAGCCAGGCCAATATG
TGCTGGTAGCAGGGGTCCAGGCCCTCCAGCCTGCTCGGGTGGCAGCCATCTCCACCCAGTGGCCCTTGG
GTCCTATGCTCCTCTCACGAGGCACGGGACACTCGTGGTGGAGGATGTGGTAGCCCTCGTCTCGCAGCT
GTGTCTGACCACATCTGGCTCAGTTGGCCTTCTGGCCCTGCGACTGTTTCCAGCTTGGCCATGGGGCA
GCTGGACCCCAAGTGAAGGTGTTCACTGGTACCCTCAGCTGCTTACCCTGGGGCGTCTTGTCTAGA
AGAGAGCACCTTCCATCCACTGGCATGTCTGGGCAGGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_053384
Insert Size:	1236 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:	NM_053384.1 , NP_445836.1
RefSeq Size:	2272 bp
RefSeq ORF:	1236 bp
Locus ID:	84399
Cytogenetics:	9q33
Gene Summary:	member of the hedgehog family of secreted morphogens; regulates chondrocyte (cartilage cell) differentiation [RGD, Feb 2006]