

## Product datasheet for **RN200534**

### **Itih3 (NM\_017351) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Itih3 (NM_017351) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itih3
Synonyms:	PAIHC3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200534 representing NM\_017351  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGACTCTGTGGTGGCCCTGCCTTGTCTTGGCTCTGCTCTGGCTTGGAGACCTCTGGCTTCCAA  
 GGAGTCCCTCCGGCTGCTTGGAAACGGAGCCTTCCAGAAGGGTGGTGGATGGCATTGAGATCTACAG  
 CACCAAGATCAGCTGCAAGGTGACCTCCCGCTTGTCTACAATGTTGTACCACAAGGGCTGTCAACCGT  
 GCAGACAAGGCCAAGGAAGTTTCTTTGATGTGGAAGTCCCAAGACAGCCTTCATCACCAACTCACCT  
 TACTATTGATGGTGTACCTACCTGGGAGTGTCAAGGAGAAGGAAGTTGCGCAGAAACAATATGAAAA  
 GGCTGTGTCCAGGGCAAGACAGCCGTTTGGTCAAGGCTCCGGGAGGAAGCTGGAGAAGTTACAGTG  
 TCTGTCAATGTGGCCGAGGCAGCAAGGTATCTTTGAGCTGACCTATGAAGAGCTGCTCAAGAGAAACA  
 AGGGAAAGTACGAGATGTACCTAAGGTCCAGCCCAAGCAGCTCGTCAGACACTTTGAGATCGACGCACA  
 CATTTTTGAGCCACAGGGCATCAGCATGTTGGACGCCGATGCCTATTTATCACTAATGACCTCCTGGGA  
 AGTGCCCTCACCAAGTCCTTCTCAGGAAAAAGGGGCATGTGTCTTCAAGCCCAGCTTAGACCAGCAGC  
 GCTCATGCCAACCTGTACGGACTCCCTTCTCAACGGGGACTTACCATCGTCTATGATGTGAACAGAGA  
 GTCTCCAGGAAATGTGCAGATAGTCAATGGCTACTTTCGTGCACCTTCTTGCACCCCAAGGCTCCAGTG  
 GTGCCAAGAACATAGCCTTTGTGATTGACGTCAAGTGGCTCCATGTCTGGTCGAAAAATCCAGCAGACCA  
 GGAAGCCCTTCTCAAAATCCTGGATGATATGAAGGAAGAGGACTATCTGAATTTTATCCTCTTACGAC  
 TGGTGTGACCACTGGAAAGTACCTAGTCAAGGCCACCTGCAAACCTCGAGGAGGCCAGGGCGTTT  
 GTAAGAACATCCGTGATCGAAGCATGACCAACATCAATGACGGGCTGCTGAGGGGATTGAAATGCTGA  
 ACAAGCCCGAGAAGACCCTTGTCCCGAGAGGAGCAGCCTCCATCCTCGTCATGTTGACAGATGGGGA  
 TGCTAATACTGGCGAGAGCAGACCTGAAAAAGATCCAGGAAAAACGTCGGGAACGCCATCAGGGGCAAGTTC  
 CCTTTGTATAACCTGGGTTTTGGCAACAATCTGAATTATAATTTCTGGAGTCTCTGGCCCTGGAGAACC  
 ACGGGTTTGGCCGGCTATTTATGAAGATTCTGATGCCAGCTTACAGCTGCAGGGCTTCTACGAGGAAGT  
 AGCTAATCCCTTGTGACTAATGTGGAGTTAGAATACCCTGAGAATGCCATCCTGGACCTCACCAGAAAC  
 AGTTACCCCACTTCTATGATGGCTCTGAGATTGTTGTAGCAGGGCGTCTGGTGGACAGGAACGTGGACA  
 ACTTCAAAGCAGATGTGAAGGTCATGGGGCCCTGAATGACCTGACCTTACAGAGGAGGTAGACATGAA  
 GGAATGGACGCGGCCCTGAAGGAGCAAGGCTACATCTTTGGGGACTACATTGAGCGCTCTGGCCTAC  
 CTCATATTGAGCAGTTACTGGAGAAACGAAGAATGCCCGTGGGGATGAGAAGGAGAACATCACAGCAG  
 AGGCCCTGGAGCTGTCCCTCAAGTACCCTTTGTAACCTCACTGACCTCCATGGTGGTGACCAAGCCTGA  
 GGACAACGAGGACCAACAGCCATTGCTGACAAGCCTGGGGAAGAAGCCATCTCTGCGTCCACGGCTAC  
 CTGACCAGTCAAGCAGTCCAGCCATAGCCCTACTATTATGTGGATGGGGACCCCACTTTCATCATCCAAG  
 TCCCGGAAAAAATGACACCATCTGCTTCAACATCGATGAGAAGCCTGGCACGGTGTGAGCCTTATTCA  
 AGCCCAAGTACAGGCATCGCAGTGACCGGCAGATCATTGGAGAGAAGGGAAATATGCTTCTTCCAGG  
 ACAGGGAAAACTTACTTTGGCAAACTGGGCATTGCCAATGCTTGGATGGACTTTCGGATTGAGGTGACCA  
 CGGAGAAGATCATCCTGGGGAACGGGGATGCACTGAGCACGTTTCAAGTGGCTAGACACCGTCAAGGTCAC  
 ACAGACAGGGCTGTCTGTGACAATCAACAGGAAAAAGAATATGGTGGTGTCTTCAAGATGGGATTAGC  
 TTTGTGATCGTCTACACCAGTTTGGAAAGAACATCCGGTTCACCAGGACTTCCATAGGGTTCTAGGTGG  
 TGGACAGTCAACGGATGTGAGCAGACACATGGGCTGTGGCCAGTTCTTCAACCTTTGACTTTAA  
 AGTGTGTGACGTCGCCCCAGGCTCTGACCCATGAAGCCAGACGCCACAATGGTGGTGAAGATCATCGG  
 TTGACAGTCACAAGGGGCTCCCAAAAAGATTACAGGAAGGATGCCAGTGTGGCCACCAAGGTCGTCTGT  
 GGTGTGTCATAACAATGGGGAAGGTTTATCGACGGTGTCCACACCGACTATATTGTCACCGCTTGT  
**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_017351

<b>Insert Size:</b>	2664 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_017351.1</a></u> , <u><a href="#">NP_059047.1</a></u>
<b>RefSeq Size:</b>	2783 bp
<b>RefSeq ORF:</b>	2664 bp
<b>Locus ID:</b>	50693
<b>UniProt ID:</b>	<u><a href="#">Q63416</a></u>
<b>Cytogenetics:</b>	16p16
<b>Gene Summary:</b>	heavy chain peptide component of pre-alpha inhibitor, a serum protein formed by covalent linkage of the chondroitin sulfate chain of bikunin to the heavy chain carboxyl-terminal residue [RGD, Feb 2006]