

Product datasheet for **MC201087**

Itih3 (NM_008407) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itih3 (NM_008407) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Itih3
Synonyms:	AW108094; In; Intin3; ITI-HC3; Itih; Itih-3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC015276 sequence for NM_008407
 GGACTATGTGGTGGCCCTGCCTTGTCTTGGCTCTGCTCTCTGGCTTGGAGACCTCTGGCTTTCCGAGAAG
 TCCCTCCGGCTGCTTGGGAAACGGAGCCTCCCAGAGGGGGTGGTGGATGGCATTGAGGTTTACAGCACC
 AAGATCAGCTGCAAGGTGACCTCCCGCTTTGCTCACAATGTTGTACCACAAGGGCTGTCAACCGTGCAG
 ACACAGCCAAGGAGGTGTCCTTTGATGTGGAAGTCCCAAGACAGCCTTCATCACCACCTCACCTTGAC
 CATTGATGGTGTACCTACCCCGGAACGTCAAGGAGAAGGAAGTTGCCAGAAAACAATGAAAAGGCT
 GTGTCCAGGGCAAGACAGCCGGTTTGGTCAAGGCCTCTGGGAGGAACTGGAGAAATTCACAGTGTCTG
 TCAACGTGGCTGCAGGCAGCAAAGTACCTTTGAGCTAACCTATGAAGAACTGCTCAAGAGAAACAAGGG
 CAAGTACGAGATGTACCTTAAGGTCCAGCCAAACAACCTGGTCAGACACTTTGAGATTGATGCACACATC
 TTCAGCCACAGGGCATTAGCATGCTAGATGCTGAAGCCTCATTCACTAATGACCTCCTGGGAAGCG
 CCCTCACCAAGTCTTCTCAGGCAAGAAGGGGCACGTGCTTTCAAGCCAGCTTAGACCAGCAGCGTTC
 ATGCCCGACTGTACAGACTCCCTCCTCAACGGGGACTTCACCATTGTCTACGATGTGAACAGAGAGTCT
 CCAGGGAATGTGCAGATAGTCAATGGCTACTTTGTGCACTTCTTGCACCCCAAGGCCTCCAGTGGTGC
 CTAAGAACATAGTCTTTGTGATTGATGTACGGCTCCATGTCTGGTCGAAAAATCCAGCAGACCAGGGA
 AGCCCTTCTTAAAATCCTGGATGACGTGAAAGAAGATGACTACCTGAATTTCACTTCTTTCAGCACCGAT
 GTGACCACCTGGAAAGATCACCTAGTTCAGCCACCCCTGCAAACCTCAAGGAGGCCAAGACATTTGTGA
 AGAACATCCATGATCAAAGCATGACCAACATCAATGATGGGCTGCTGAAGGGTATTGAAATGCTGAACAA
 GGCCCGAGAGGACCACACTGTCCAGAGAGGAGCACCCTCCATCATCATATGTTGACAGACGGGGATGCC
 AATACTGGCGAGAGCAGACCAGAAAAGATCCAGGAAAACGTCGGGAATGCCATCGGGGGCAAGTTCCTT
 TGTATAACCTGGGTTTTGGCAACAATCTGAATTAATTTCTGGAGACTCTGGCCCTGGAGAACCATGG
 GCTTGGCCGGCAGTTTATGAAGATTCTGATGCCAACTGCAGCTGCAGGGCTTCTATGAAGAGGTAGCT
 AATCCACTGCTGACTAATGTGGAGGTGGAATACCCCGAGAAGCCATCCTAGACCTCACCAGGAACAGTT
 ACCCCACTTCTACGATGGCTCTGAGATTGTTGTAGCAGGGCCCTGGTGGACAGGAACATGGAACTT
 CAAAGCAGATGTGAAGGGCCATGGGGCCTTGAATGACCTGACCTTACAGAGGAGGTAGACATGGAGGAA
 ATGGATGCAGCCCTGAAGGAGCAAGGCTACATTTTTGGGACTACATTGAGCGACTCTGGCCCTACCTCA
 CTATTGAGCAGCTACTGGAGAAACGCAAGAATGCCAAAGGGGATGAGAAGGAGAACATCACAGCGGAGGC
 CCTGGATCTGTCCCTCAAGTACCCTTTGTAACCCCACTGACCTCCATGGTGGTACCAAGCCTGAGGAC
 AATGAAGACCAGACATCCATTGCTGACAAGCCTGGGGAAGAAGCCATCGCTGAGACCACGACCATGTCT
 TCTTGACCACTCAGCAGTCCAGTCAGAGCCCTACTATTATGTGGATGGGACCCCACTTTATCATCCA
 AATCCCGGAAAAAACGACAGCATCTGCTTCAACATCGACGAGAAGCCTGGAACCGTGTGCGCCTGATT
 CAGGACCCAGTCACAGGTATCACTGTGACCGGACAGATCATCGGAGATAAGCGAAGTAACGCTTCTTCCA
 GGACAGGGAAAACTATTTTGGCAAATGGGCATTACCAATGCTTGGATGGACTTCGGGTTGAGGTGAC
 CACGGAGAAAAATTATCCTAGGGACTGGGCGGAGCTGAGCACGTTCAAGTTGGCTAGACACAGTCACGGTC
 ACACAGACCGGGCTATCTGTAACAATCAACAGGAAAAAGAATATGGTGGTGTCTTTGGAGATGGGATTA
 GCTTTGTGATCATCCTACACCAGGTTTGGAAAGAAACATCCAGTTCACCAGGACTTCTAGGGTTCTACGT
 GGTGGACAGTCACCGGATGTGAGCAGACACATGGGCTGCTGGGCCAGTTCTTCCAACCCCTTGACTTT
 AAAGTGTTTGGCATCCGCCAGGCTCTGACCCTACAAAGCCAGATGCCACAATGGTGGTGAAGAATCATC
 GGTTGACTGTACAAGGGGCTCCAGAAAGATTACAGGAAGGATGCCAGTGTGGACCAAGGTGATCTG
 CTGGTTGTCCATAACAATGGAGAAGGACTAATTGATGGTGTCCATACCGACTATATTGTCCCGAGCTTG
 TTCTGAGTAGCATGTGAGCTGCTGATGAAGTGAAGGCCTGGGTGGCCTGGAAAAAGGACACAGAATGGG
 GCTTGTGGGAAAGACCGGGACAGTAAAGCCACCATGTAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008407
Insert Size: 2661 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:	<u>BC015276</u> , <u>AAH15276</u>
RefSeq Size:	2807 bp
RefSeq ORF:	2661 bp
Locus ID:	16426
UniProt ID:	<u>Q61704</u>
Cytogenetics:	14 B
Gene Summary:	This gene encodes one of the heavy subunits of inter alpha trypsin inhibitor that functions as a protease inhibitor circulating in the plasma. The encoded protein undergoes proteolytic processing to generate a mature glycoprotein that is linked to the other subunits via an ester bond between the C-terminal aspartic acid residue and the N-acetyl galactosamine residue of chondroitin sulfate. This gene is located in a cluster of related inter alpha trypsin inhibitor genes on chromosome 14. [provided by RefSeq, Oct 2015]