

## Product datasheet for **MC200921**

### Inhbe (NM\_008382) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Inhbe (NM_008382) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Inhbe
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC010404 sequence for NM_008382

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CCACGCGTCCGGACTCATAAACTGCCACCCATTTCGAGGTTCTCAAAGCAGAGCCATCTACCTGGAGCAT
GAAGCTTCCAAAAGCCCAGCTCTGGCTAATACTGCTGTGGGCATTGGTGTGGGTGCAGAGTACAAGATCT
GCGTGCCCGTCCCTGTGGGGGCCAACACTGGCACCCEAAGGAGAACGCGCTCTGGTCTGGAGCTAGCCA
AGCAGCAAATCCTGGAGGACTGCACCTAACAGCCGTCCAGAATAACTCGGCCTCTGCCCCAGGCAGC
ACTGACCAGAGCCCTCCGGAGACTGCAGCCCAAGAGCATGGTCCCTGGCAACCGAGAGAAAGTCATCAGC
TTTGCTACCATCATAGACAAATCCACTTCAACCTACCGCTCCATGCTCACCTTCCAGCTGTCCCCTCTT
GGTCCCACCACCTGTACCATGCCCGCCTCTGGTTGCATGTGCCTCCCTCTTTCCGGGCACTCTGTACCT
GAGGATCTTCCGTTGCGGCACCACTAGGTGCCGAGGATTCCGCACCTTCTAGCTGAGCACCAAACCACT
TCCTCTGGCTGGCAGCCCTGACTCTGCCCTTAGCGGCTTCCGGAGTGAGGACTCTGGCGTCGTGAAAC
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AGCGGGACAGCAACGTCCCTTCTTGAACCTTAAGATCCGAGCTAATGAACCTGGAGCAGGTCGGGCCAGG
AGGAGGACTCCCACCTGTGAGCCTGAGACCCCCTTATGTTGTAGGCGAGACCACTATGTAGACTTCCAGG
AGCTGGGGTGGCGGGATTGGATCCTGCAGCCGGAGGGATACCAGCTGAATTAAGTGCAGTGGGCAAGTCC
GCCCCACCTGGCTGGCAGTCCCTGGCATTGCTGCCTCCTTCCATTCTGCCGTCTTTCAGCCTCCTCAAAGCC
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TTGACCATAATGGCAATGTGGTCAAGACCGATGTGCCAGACATGGTAGTAGAGCCTGTGGCTGCAGCTA
GCAACAGGGCCTGAAGGTTCTGGGTGAAGTTCAAGGTTCAAGTTGGGGTCCACGCTGTCTGGAAGCTC
GAGTTCGGATCCATACTGACACCAACAAGCTGTGTAGCAGTATGCCTGGGTTTACCCTATGGAAGT
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TAATGAAGGCGGAAGTAGAAGGGTGGGCAGATTAGGAAAAGACAAACATACAGGCTAAGAACAGGGTGA
TTGCTGCTTTGACAAGGTCAAGAGGAAGAGGAGCAGGCGCCGAGGAAGGAGGGGTGTCGGGGTCCCTGG
AATCGAGAATCAGTAAAAAGGGTGTGAACTCGTAAGTTCTTAGGCTTCCCCTCGAGGACAGGACCCA
CGCGGGTGACATACATTTTATATTTCTTAATAAAAAGGAGAAAAGAAAAGCACCAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI



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ACCN:	NM_008382
Insert Size:	1053 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"><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>
RefSeq:	<a href="#">BC010404</a> , <a href="#">AAH10404</a>
RefSeq Size:	1749 bp
RefSeq ORF:	1053 bp
Locus ID:	16326
UniProt ID:	<a href="#">O08717</a>
Cytogenetics:	10 74.5 cM
Gene Summary:	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate an inhibin beta subunit. Inhibins have been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. This gene may be upregulated under conditions of endoplasmic reticulum stress, and this protein may inhibit cellular proliferation and growth in pancreas and liver. [provided by RefSeq, Sep 2016]