

Product datasheet for MC208791

Inhbb (NM_008381) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Inhbb (NM_008381) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Inhbb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208791 representing NM_008381 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGGGTGCCCGGTGGGGCGTTGGGGCCGCCTGCCTTCTGCTCCTGGTGGCCGGCTGGTTGGGAC
CCGAGGCTGGGGCTCTCCACACCCCCGCGTCGCCCGTGGCCCGCCCCGCCACCCGGAGC
TCCGGTGGTTCGCAGGACCTGTACGTCGTGCGGTGGCGGGCGCGGGCTTCCGGCGCCGGAGGAG
CTGGCCGGGTGGACGGTGACTTCTGGAGGCGGTGAAGAGACACATCTGAGCCGCTGCAGTTGCCGG
GCCGGCCCAACATCACGCACGTGTCCCAAGGCCCATGGTACGGCCCTGCGCAAGTCACGCGCG
CAAGGTGCGCGAGGACGGCCGCGTGGAGATCCCGCACCTCGACGCCACGCCAGCCGGGCGCCGACGGC
CAGGAGCGCTCTCCGAGATCATCAGCTTTCAGAGACAGATGGCCTCGCCTCCTCCCGGTCCGCTGT
ACTTCTCGTCTAATGAAGGCAACCAGAACCTATTCGTTGGTGCAGGCCAGCCTGTGGCTGTACCTGAA
ACTGCTCCCTATGTCCTGGAGAAGGGCAGCAGGAGGAAGGTACGGGTCAAGGTGACTTCCAAGAACAG
GGTCACGGAGACAGGTGGAATGTGGTGGAGAAGAAGGTGGACCTGAAACGTAGCGGCTGGCATACTTTC
CCATCACAGAGGCCATCCAGGCCTGTTTGGAGCGAGGGGAGAGACGCCTAACCTGGATGTGCAGTGTGA
CAGCTGCCAGGAGCTGGCCGTGGTGCCTGTGTTCTGGACCCCGGTGAGGAGTACACAGGCCCTTTGTA
GTGGTGCAGGCCCGCCTGGGCGATAGCAGACATCGCATCCGAAACGGGGCTAGAGTGTGATGGCGGA
CCAGCCTCTGTTGACAGGCAACAGTTCCTCATCGACTTTCGGCTCATCGGCTGGAACGACTGGATCATTC
GCCACTGGCTACTACGGAACTACTGTGAGGGCAGCTGCCCGCCTATCTGGCCGGGTCCCTGGCTCA
GCTTCTCCTTCCACACAGCCGTGGTGAACAGTACCGCATGCGTGGCCTGAACCCTGGGCCGTGAACT
CTTGCTGCATCCCTACCAAGCTGAGCTCCATGTCCATGCTCTACTTTGATGACGAGTACAACATTGTCAA
CGGGATGTGCCAACATGATCGTGGAGGAGTGTGGCTGCGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



ACCN:	NM_008381
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:	<u>NM_008381.3</u> , <u>NP_032407.1</u>
RefSeq Size:	4255 bp
RefSeq ORF:	1236 bp
Locus ID:	16324
UniProt ID:	<u>Q04999</u>
Cytogenetics:	1 52.29 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 a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. Homozygous knockout mice for this gene exhibit eyelid defects. [provided by RefSeq, Aug 2016]