

Product datasheet for MR206752

Inhba (NM_008380) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Inhba (NM_008380) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Inhba
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206752 representing NM_008380 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGCCCTTGCTTTGGCTGAGAGGATTTCTGTTGGCAAGTTGCTGGATTATAGTGAGGAGTCCCCACCC
CAGGATCCGAGGGGCACGGCTCAGCCCCGACTGCCCGTCTGTGCGCTGGCCACCCTCCGAAGGATGG
ACCTAACTCTCAGCCAGAGATGGTAGAGGCTGTCAAGAAGCACATCTTAAACATGCTGCACCTGAAGAAG
AGACCCGATGTACCCAGCCGGTGCCCAAGGCGGCGTCTCAACGCGATCAGAAAGCTTCATGTGGGTA
AAGTGGGGGAGAACGGGTATGTGGAGATAGAGGACGACATTGGCAGGAGGGCCGAAATGAATCAATCAT
GGAGCAGACCTCGAGATCATCACCTTTGCCGAGTCAGGCACAGCCAGGAAGACACTGCACCTTTGAGATT
TCCAAGGAAGGCAGTGACCTGTCAAGTAGTGAGCGTGCAGAAAGTGTGGCTCTTCTGAAAGTCCCCAAGG
CTAACAGAACCAGGACCAAAGTCAACATCCGTCTATTTCAAGCAGCAGAAGCACCCACAGGGCAGCTTGA
CACGGGGGATGAGCCGAGGAAATGGGCTTAAAGGGGAGAGGAGTGAAGTGTGCTATCAGAGAAAGTA
GTTGATGCTCGGAAGAGTACCTGGCACATCTTCCAGTGTCCAGCAGCATCCAGCGCCTGCTGGACCAGG
GAAAGAGTTCCCTGGACGTGCGGATTGCTTGTGAGCAGTGCCAGGAGAGTGGTCCAGTCTAGTGTCTCT
GGCAAGAAGAAGAAGAAAGAGGTGGATGGAGATGGGAAGAAGAAGATGGGAGTGACGGAGGGCTGAA
GAGGAAAAGAACAGTCACATAGACCTTCTCATGCTGCAGGCTAGGCAGTCCGAAGACCACCCTCATC
GCAGGCGTAGGCGGGCTTGGAGTGCAGCGCAAGGTCAACATTTGCTGTAAAGAAACAGTCTTTGTGAG
CTTCAAGGACATTGGCTGGAATGACTGGATCATTGCTCCCTCTGGCTATCACGCCAATTATTGTGAGGGG
GAGTGCCCAAGCCACATAGCAGGCACCTCTGGTCTCGTCTCCTTCCACTCAACAGTCATTAACCACT
ACCGCATGAGGGGTACAGCCCCTTTGCAACCTTAAGTCATGCTGTGTGCCACCAAGCTGAGACCCAT
GTCCATGCTGTATTACGATGATGGTCAAAACATCATCAAAAAGGACATTCAAAACATGATTGTGGAGGAG
TGTGGCTGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR206752 representing NM_008380
Red=Cloning site Green=Tags(s)

MPLLWLRGFLASCWIIVRSSPTPGSEGHGSAPDCPSCALATLPKDGPN SQPEMVEAVKKHILNMLHLKK
 RPDVTPVPK AALLNAIRKLHVGVGNGYVEIEDDIGRRAEMNELMEQTSEIITFAESGTARKTLHFEI
 SKEGSDL SVVERAEVWFLFKVPAKNRTRTKVTIRLFQQQKHPQGS LDTGDEAEEMGLKGERSELLSEKV
 VDARKSTWHIFPVSSSIQRLLDQ GKSSLDVRIACEQCQESGASL VLLGKKKKKEVDGDGKKKDGSDGGL
 EEKEQSHRPFLMLQARQSEDHPHRRRRRGL ECDGKVNICCKKQFFVSKDIGWNDWIIAPSGYHANYCEG
 ECP SHIAGTSGSSLSFHSTVINHYRMRGHS PFANLKSCCVPTKLRPMSMLYDDGQNI IKKDIQNMIVEE
 CGCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9005_f11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_008380

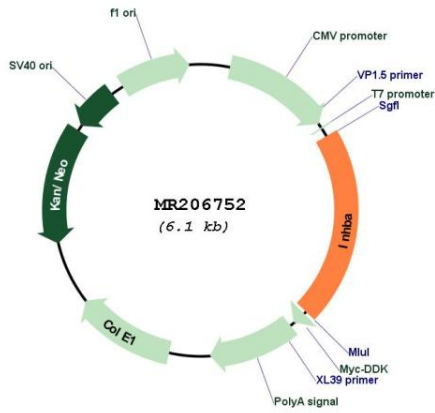
ORF Size: 1272 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_008380.2
RefSeq Size:	1529 bp
RefSeq ORF:	1275 bp
Locus ID:	16323
UniProt ID:	Q04998
Cytogenetics:	13 5.85 cM
MW:	47.8 kDa
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. The encoded protein also plays a role in eye, tooth and testis development. Homozygous knockout mice for this gene lack whiskers and exhibit tooth and palate defects, leading to neonatal lethality. [provided by RefSeq, Aug 2016]

Product images:



Circular map for MR206752