

Product datasheet for RR211672

Inhba (NM_017128) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Inhba (NM_017128) Rat 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:	>RR211672 representing NM_017128 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGCCCTTGCTTTGGCTGAGAGGATTTCTGTTGGCAAGTTGCTGGATTATAGTGAGGAGTCCCCACCC
CAGGATCCGAGGGGCACGGCGCAGCCCCGGACTGCCCGTCTGTGCGCTGGCCACCTTCCGAAGGATGG
ACCTAACTCTCAGCCAGAGATGGTAGAGGCTGTCAAGAAGCACATCTTAAACATGCTGCACCTGAAGAAG
AGACCCGATGTCACCCAGCCGGTACCCAAGGCGGCGTCTCAACGCGATCAGAAAGCTTCATGTGGTA
AAGTGGGGGAAAACGGGTATGTGGAGATAGAGGACGACATTGGCAGGAGGGCCGAAATGAATGAATCAT
GGAGCAGACCTCGAGATCATCACCTTTGCCGAGTCAGGCACAGCCAGGAAGACACTGCATTTTGAGATT
TCCAAGGAAGGCAGTGACCTGTCAAGTGTGGAGCGTGCAGAAAGTCTGGCTCTTCTGAAAGTCCCCAAGG
CCAACAGGACCAGGACAAAGTACCATCCGTCTGTTTCAGCAGCAGAAGCATCCACAGGGCAGCTTGG
CATGGGGGATGAGGCCGAGGAAATGGGCTTGAAGGGGAGAGGAGTGAAGTGTGCTATCAGAGAAAGT
GTAGATGCTCGGAAGAGTACTTGGCACATCTCCAGTGTCTAGCAGCATCCAGCGCTGCTGGACCAGG
GGAAGAGTTCCCTGGATGTGCGGATTGCTTGTGAACAGTGCCAGGAGAGCGGTGCCAGCCTAGTGTCTCT
GGCAAGAAGAAGAAGAAAGAGGTGGATGGAGACGGGAAGAAGAAGACGGAAGTACGGAGGGCTGGAA
GAGGAAAAGAAGACAGTCACACAGACCTTCTCATGCTGCAGGCTAGGCAGTCTGAAGACCATCCTCACC
GCAGGCGTAGGCGGGCTTGGAGTGTGATGGCAAGGTCAACATTTGCTGTAAAGAAACAGTCTTTGTGAG
CTTCAAGGATATTGGCTGGAATGACTGGATCATTGCTCCCTCTGGCTATCATGCCAACTATTGTGAGGGT
GAGTGCCCGAGCCACATAGCAGGCACCTCTGGTCTCACTCTCCTTCCACTCAACAGTCATTAACCACT
ACCGCATGAGGGGTACAGCCCCCTTGGCAACCTTAAGTCATGCTGTGTGCCACCAAGCTGAGACCCAT
GTCCATGCTGTATTATGATGATGGTCAAAAATTATCAAAAAGGACATTCAGAACATGATTGTGGAGGAG
TGTGGCTGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



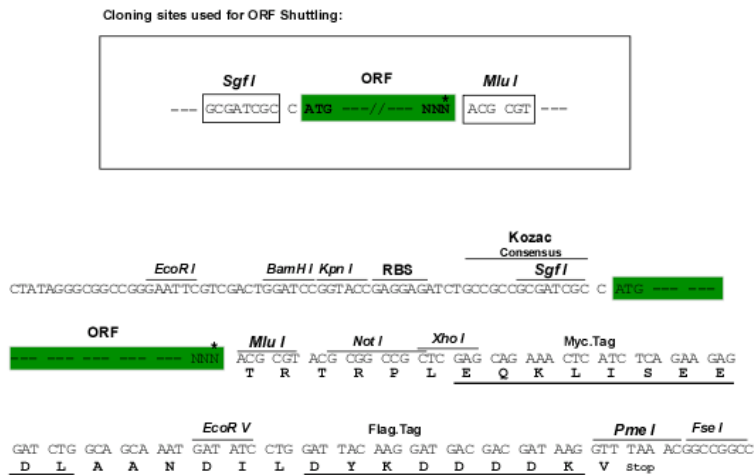
Protein Sequence: >RR211672 representing NM_017128
Red=Cloning site Green=Tags(s)

MPLLWLRGFLASCWIIVRSSPTPGSEGHGAAPDCPSALATLPKDGPN SQPEMVEAVKKHILNMLHLKK
 RPDVTQVPVKAALLNAIRKLHVGKVGENGYVEIEDDIGRRAEMNELMEQTSEIITFAESGTARKTLHFEI
 SKEGSDLSVVERAEVWFLKVKPKANRTRTKVTIRLFQQQKHPQGS LDMGDEAEEMGLKGERSELLSEKV
 VDARKSTWHIFPVSSSIQRLLDQKSSLDVRIACEQCQESGASL VLLGKKKKKEVDGDGKKKDGSDGGLE
 EEKEQSHRPFLMLQARQSEDPHRRRRRRL ECDGKVNICCKKQFFVSKDIGWNDWIIAPSGYHANYCEG
 ECPSHIAGTSGSSLSFHSTVINHYMRGHSPFANLKSCCVPTKLRPMSMLYDDGQNI IKKDIQNMIVVEE
 CGCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_017128

ORF Size: 1272 bp

OTI Disclaimer: 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:

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_017128.2](#), [NP_058824.1](#)

RefSeq Size: 1552 bp

RefSeq ORF: 1275 bp

Locus ID: 29200

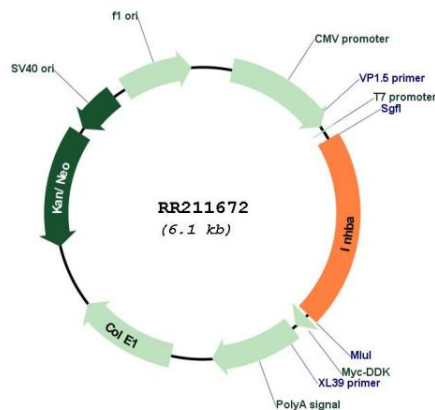
UniProt ID: [P18331](#)

Cytogenetics: 17q12.1

MW: 47.4 kDa

Gene Summary: subunit which can homodimerize or heterodimerize with Inhbb to regulate FSH secretion [RGD, Feb 2006]

Product images:



Circular map for RR211672