

## Product datasheet for **RR202160**

### Inhbe (NM\_031815) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Inhbe (NM\_031815) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Inhbe  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR202160 representing NM\_031815  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGACTTTCAAATGTCCAGCTCTGGACAATACTGCTGTGGGCATTGGCATGGGTGCAGAGTACAAGAT  
CTGCGTGCCCGTCTGTGGGGCCCCAACTCTGACACCCCAAGGAGAACCGCTCTGGTCTAGAGCTAGC  
CAAGCAGCAAATCCTGGAGGGGCTGCACCTAACCGCCGTCAGAAATAACTCGTCTCTGCCCCAGGCA  
GCACTGACCAGAGCCCTCCGGAGACTGCAGCCAGGAGCATGGTCCCTGGCAACCGAGAGAAAGTCATCA  
GCTTTGCTACCAGCATAGACAAATCCAACCTCAACCTACCGCTCCGTGCTCACCTTCCAACGTCCCTCT  
TTGGTCCCACCACCTGTACCATGCCCGCTCTGGCTGCACGTGCCCCCTCTTTCCGGCCACTCTGTAT  
CTGAGGATCTTCGGTTGCGGTACCACGAGGTGCAGAGGATCCCGCACGTTCTAGCTGATTACCAAACCA  
CTTCTCCGGCTGGCAGCCCTGACTCTGCCCTTAGCGGCTTGGGAGTGAGGAATCTGGAGTCACAAA  
ACTCCAACCTGGAATTCAGACCTCTGGACCTAACAGCACTACTGCCAGACTGCCACGGCTGCTGTTGGAC  
ACAGCGGGACAGCAGCGTCCCTTCTTGAACCTAAGATCCGAGCTAATGAACCCGGAGCAGGCCGGGCA  
GGAGGAGGACTCCCACCTGTGAGTCTGAGACCCCTTATGTTGTAGACGAGACCCTATGTCGATTTCCA  
GGAGCTGGGGTGGAGAGACTGGATCCTGCAGCCGAGGGATACCAGCTGAATTACTGCAGTGGGCAGTGC  
CCGCCCCACCTGGCTGGCAGCCCTGGCATTGCTGCTTCTTCCATTCTGCTGTCTTTAGCCTCCTCAAAG  
CCAACAACCTTGGCCTGCGGGTCTTCTGCTGTGTCCCACCGCGCAAGGCCTCTCTCCCTCCTCTA  
CCTTGACCATAATGGCAATGTGGTCAAGACCGATGTGCCAGACATGGTTGTAGAGGCCTGTGGCTGCAGC

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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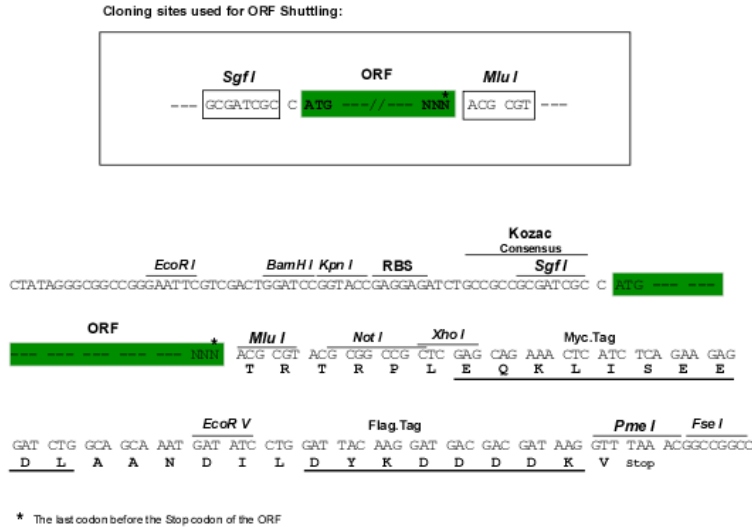
**Protein Sequence:** >RR202160 representing NM\_031815  
Red=Cloning site Green=Tags(s)

MGLSNVQLWTILLWALAWVQSTRSACPSGAPLTPQGERALVLELAKQIIEGLHLTSRPRITRPLPQA  
 ALTRALRRLQPRSMVPGNREKVISFATSIDKSTSTYRSVLTFLSPLWSHLYHARLWLHVPPSPFATLY  
 LRIFGCGTTRCRGSRFTLADYQTTSSGWHAL TLPSSGLRSEESGVTKLQLEFRPLDLNSTARLPRLLLD  
 TAGQQRPFLELKIRANEPGAGRARRRTP TCESETPLCCRRDHVDFQELGWRDWILQPEGYQLNYCSGQC  
 PPHLAGSPGIAASFHSAVFSLLKANNPWPAGSSCCVPTARRPLSLLYLDHNGNVKTDVPMVVEACGCS

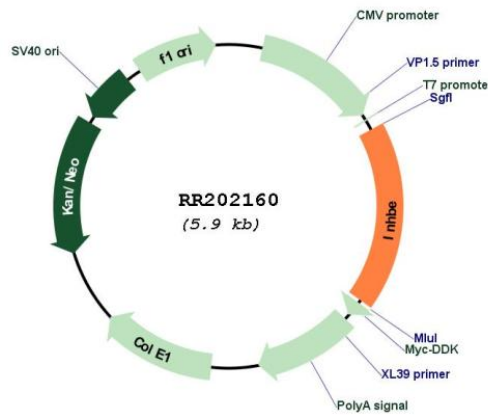
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_031815

<b>ORF Size:</b>	1050 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">NM_031815.2</a> , <a href="#">NP_114003.2</a>
<b>RefSeq Size:</b>	1053 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	83711
<b>UniProt ID:</b>	<a href="#">O88959</a>
<b>Cytogenetics:</b>	7q22
<b>MW:</b>	38.9 kDa
<b>Gene Summary:</b>	cytokine; involved in cell fate determination [RGD, Feb 2006]