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## Product datasheet for RR212362

## Bid (NM_022684) Rat Tagged ORF Clone

## Product data:

Product Type:
Product Name:

## Tag:

Symbol:
Vector:
E. coli Selection:

Cell Selection:
ORF Nucleotide
Sequence:

Expression Plasmids
Bid (NM_022684) Rat Tagged ORF Clone
Myc-DDK
Bid
pCMV6-Entry (PS100001)
Kanamycin (25 ug/mL)
Neomycin
>RR212362 representing NM_022684
Red=Cloning site Blue=ORF Green=Tags(s)

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## TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

 GCCGCGATCGCCATGGACTCTGAGGTCAGCAATGGCTCAGGCCTGGGGGCCGAGCACATCACAAACCTGCTGGTGTTCGGCT TTCTCCGAAACAATGACCGTGATTTCCACCAAGAGCTGGAGGTACTGGGGCAGGAGCTGCCCGTGCAGGT TTACCTGGAGGGGGACCGTGAAGACGAGCTGCAGACAGATGGCAGCCGGGCTAGCCGCTCCTTCTATCAT GGAAGAATAGAGCCAGATTCTGAAAGTCAGGATGAAGTCATCCACAACATTGCCAGGCATCTCGCCCAAG CAGGTGATGAACTGGACCACAGCATCCAGCCCACACTGGTGAGACAACTGGCCGCACAGTTCATGAACGG CAGCCTCTCGGAGGAAGACAAAAGGAACTGCCTGGCCAAAGCCCTCGACGAGGTGAAGACATCCTTCCCT AGGGACATGGAGAACGACAAGGCCATGCTGATAATGACCATGCTGTTGGCCAAAAAAGTGGCCAGTCATG CACCATCTCTGCTCCGTGACGTCTTCCGCACGACCGTGAACTTTATTAACCAGAACCTATTCTCCTACGT GAGGGACTTGGTTAGAAATGAGATGGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:
>RR212362 representing NM_022684
Red=Cloning site Green=Tags(s)
MDSEVSNGSGLGAEHITNLLVFGFLRNNDRDFHQELEVLGQELPVQVYLEGDREDELQTDGSRASRSFYH GRIEPDSESQDEVIHNIARHLAQAGDELDHSIQPTLVRQLAAQFMNGSLSEEDKRNCLAKALDEVKTSFP RDMENDKAMLIMTMLLAKKVASHAPSLLRDVFRTTVNFINQNLFSYVRDLVRNEMD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:
Sgfl-Mlul

## Cloning Scheme:




* The last codon before the Stop codon of the ORF



## ACCN:

ORF Size:
OTI Disclaimer:

OTI Annotation:

NM_022684
588 bp
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
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 <br> 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 100 ul 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 $5000 \times \mathrm{g}$ ) to concentrate the liquid |  |
| at the bottom. |  |
| 5. Store the suspended plasmid at $-20^{\circ} \mathrm{C}$. The DNA is stable for at least one year from date of |  |
| shipping when stored at $-20^{\circ} \mathrm{C}$. |  |

