

Product datasheet for **MR200632**

Tax1bp3 (BC094314) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tax1bp3 (BC094314) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tax1bp3
Synonyms: TIP-1, RP23-263M10.10
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200632 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTACACCCGGGCCAGCCTGTCACCGCCGTAGTGCAAAGAGTTGAAATTCATAAGTTGCGTCAAG
GTGAGAACTTAATCTTGGGCTTCAGTATTGGAGGTGGGATCGACCAGGACCCGTCTCAGAATCCCTTCTC
GGAAGATAAAACAGACAAGGGCATTACGTCACACGAGTATCAGAGGGAGGTCCTGCTGAAATTGCTGGG
CTGCAGATTGGAGACAAGATCATGCAGGTGAATGGCTGGGACATGACCATGGTCACTCACGACCAGGCTC
GGAAGCGGCTACCAAGCGCTCGGAGGAGTGGTCCGCCTGCTGGTGACTCGGCAGTCTCTACAAAAGGC
TGTACAGCAGTCCATGCTGTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200632 protein sequence
Red=Cloning site Green=Tags(s)
MSYTPGQPVTAVVQRVEIHKLRQGENLILGFSIGGGIDQDPSQNPFSSEKTDKGIYVTRVSEGGPAEIAIG
LQIGDKIMQVNGWDMTMVTHDQARKRLTKRSEEVVRLLVTRQSLQKAVQQSMLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: BC094314

ORF Size: 372 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: [BC094314](#), [AAH94314](#)

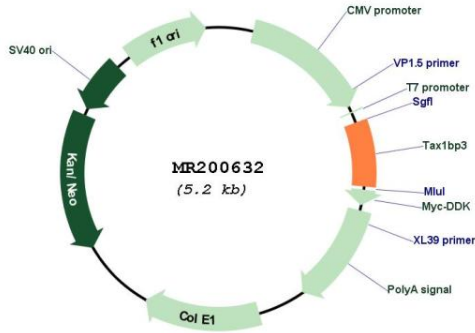
RefSeq Size: 1277 bp

RefSeq ORF: 374 bp

Locus ID: 76281

Cytogenetics: 11 B4
MW: 13.7 kDa
Gene Summary: May regulate a number of protein-protein interactions by competing for PDZ domain binding sites. Binds CTNNB1 and may thereby act as an inhibitor of the Wnt signaling pathway. Competes with LIN7A for KCNJ4 binding, and thereby promotes KCNJ4 internalization. May play a role in the Rho signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200632