

Product datasheet for **MR207006**

Zbtb26 (NM_199025) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbtb26 (NM_199025) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zbtb26
Synonyms:	A630026F21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207006 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTGAAAGATCAGATCTCCTCACTCAAGTTTAAAAATTATGGAGATTCAATGTTACAAAAATGA
 ACAAATTAAGAGAAGAGAATAAATTTTGTGATGTTACAGTTCTCATAGATGATGTTGAGGTGCAGGGCA
 TAAAATTGTTTTGCTGCAGTTCCCTTCTTAAAGACCAGTTTTACTGAATGATCCCGAGAGGTG
 AAAATCTCCATATTACAGAGTTCTGAAGTGGGAGACAATTGCTCTTGTCTGTTATAGTGGTGTCTGG
 AATTCCTGAGATGGAAGTAAATTACTTGACTGCTGCGAGTTTTCTCAGATGAGCCACATTGTAGA
 ACGGTGCACACAGGCGCTGTGGAAGTTTAAAGCCAAAAACAACCAATGGATAGTAAAGAGGGATCTGAA
 CCACAGAGCGCTTCTCCCAGTCGAAAGAACAGCAGGGAGATGCCAGAGGCTCTCCAAAGCAGGACTTAC
 CTTGTATTCATCCATCTGAAGACAGTATGGATATGGAGGACAGTATTCAGATTGTTAAGGTAGAATC
 TATTGGGGATGTATCAGAGGATAGAAGTAAAAAGATGAGAACCAGTACATTTCTCTGAACCCACTGCT
 TTGCACATCAGAGCCCGACTCCCTGATAAACTCAACTGTGAAAAACAGAGTTAATGAACTAGACC
 AGAGCCATCTCCACAATTACGCCCTCTTACACAGGCAATGATGACATCATGACCTCTAAAGATGT
 CTTTGGGCCTAATATTCGAGGTGTAGACAAAGGCTTACAGTGGCATCACCAGTGCCCAAAGTGTACCAGG
 GTATTCGTCACCTGGAGAACTACGCCAACATTTAAAAATGCACAACTGTTTATGTGTCTACTCTGCG
 GCAAGACTTTCACTCAGAAAGGCAATCTTCATCGACACATGCGTGTACATGCCGGAATTAACCTTTCCA
 GTGTAATACTGTGGGAAACCTTTCTCAGAAGTGTTCCTTACAGGACCATCTAACCTCACAGTGGAA
 GATAAGCCCCATAAATGTAAGTATTGTGACATGGTTTTTGACATAAGCCAGTTTTGAGGAAACACCTTA
 AACAGCTGCATGGCAAAAACAGCTTTGATAATGCCAATGAGAGGAGTGTACAAGACCTCACAGTGGATTT
 TGACTCTTTTGCATGTACAACAGTACAGACTCTAATTGCCAGCCACAACCTGATGCAACACAGGCTCTG
 GATGCAGGTAACTGACCAAGCTGTCTCAGCTTAAGGAGTGACAGTACATGTGTGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207006 protein sequence
 Red=Cloning site Green=Tags(s)

MSERSDLLHFKFENYGDMSMLQKMNKLREENKFCDVTVLIDDVEVQGHKIVFAAGSPFLRDQFLNDSREV
 KISILQSSEVGRQLLLSCYSGVLEFPPEMELVNYLTAASFLQMSHIVERCTQALWFKPKQPMDSKEGSE
 PQSASPQSKEQQGDARGSPKQDLPCIHPSEDSMDMEDSDIQIVKVESIGDVSSEDRSKDENQYISSEPTA
 LHSSEPHSLINSTVENRVNELDQSHLHNYALSYTGNDIIMTSKDVFGPNIRGVKGLQWHHQCPKCTR
 VFRHLENYANHLKMKLFLMCLLCGKFTTQKGNLHRHMRVHAGIKPFQCKICGKTFQKCSLQDHLNLHSG
 DKPHKCNVCDMVF AHPVLRKHLKQLHGKNSFDNANERSVQDLTVDFDSFACTTVTDSNCQPPDATQVL
 DAGKLTQAVLSLRSDSTCVN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_199025

ORF Size: 1323 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_199025.3](#)
RefSeq Size: 5290 bp

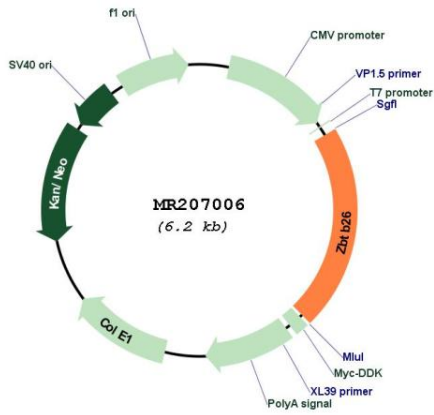
RefSeq ORF: 1323 bp

Locus ID: 320633

Cytogenetics: 2 B

MW: 49.9 kDa

Product images:



Circular map for MR207006