

Product datasheet for **MR219991**

Kbtbd12 (NM_001142724) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kbtbd12 (NM_001142724) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kbtbd12
Synonyms:	4833415F11Rik; 4933428M03Rik; Klhdc6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR219991 representing NM_001142724
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGTCAAGACTAAGGGAAACACCAGCATAGCTTGAACCTACTAGATAAAAATTAAGAATATGAAAG
 AGTTAGAAGAAATGATTGATGTAGTGCTCATAGCAGAAGAGGAGAAATCCCTTGCCACAGACTGGTGCT
 CGCTGCCTTTAGTCCTTATTTCAAGGCTATGTTACCTGTGGACTACTCGAGTGCCTCAGAGAGAGGTC
 AACTCTATGACATCACAGCAGAAAGTGTGTGAGTATTAACACTACATGTACAGTGTCTCTGGAGA
 TCAATAACGCCAACGTTACAGCCGTAGCCATGGCTGCCTATTTTATGCAGATGGAAGAAGCTTTAGTGT
 GTGCCAAAATATATGATGGACCACATGGATGCCTCCAACCTGCATAGGAATTTATTACTTTGCAAAAACA
 ATCGGAGCAGAAGATTTATCGGATCAGTCGAAGAAGTATTTATACCAGCACTTCGCCGAGGTAAGCCTTC
 ATGGAGAAATACTTGACATCGAAGCTCACCAGCTTCTGGCACTTATTAAGTCTGATGATCTGAATATATC
 CAGAGAAGAGAGCATTCTGGATTTGGTTCTGAGATGGGTAAACCATAACCAAGCTTTGCGCAGAGCAT
 CTGTTGAGCTTTTGAAGCAAGTCAAGTGGAACTTATAAACGCTTCCTTTCTAAGACAGGCCCTCAGAA
 GGAACACGATGCTCCTTTGTGATGGCAGTTGCATTGATATAATCCAGAATGCGTTCAAAGCCATCAAGAC
 ACCCCAGCAGCACCCCTCCAACCTTCGCTATGGCATGGAGACCACCAGCCTTCTGCTTTGCATTGGGAAC
 AATTCTTCTGGAATCAGATCAAGGCACAGGAGCTATGGGGATGCCAGTTTTTGTATGACCTGTGTAC
 ACAAGACCTATTTTATCTCATCACCAAGTATGGGGAGGGTTGGGAAGTGTGTGCACTGGGGTAGTCAT
 GGAAAACAATACTGTAATTTGGCTGGAGAAGCAACTGCCACTAGGCTCTTAGGCAAAAGCAAGAAT
 ATTGAAATCTATAGGTATCATGATAGAGGAAACCAGTTTTGGGAAAAGTTATGCACAGCTGAATTTTCGAG
 AGCTCTATGCTCTGGGCAGCATCCATAATGACCTCTATGTCATAGGAGGACAGATGAAAATTAACCA
 GTACCTCATAACAACTGTGTTGATAAGTACTCAGTAGATCAAGACAACCTGGAAAACGAGTATCTCCCTT
 CCACTGCAGCTGGCTTGTGATGCTGTGGTAACAGTGAACAATAAACTGTATGTCATCGGAGGCTGGACCC
 CTCAGGTTAAGAAATTCCTTGCATATCTACCTGGTGTGGCTGGCTTTGCTGAAAAATGTAGCAGTCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219991 representing NM_001142724
 Red=Cloning site Green=Tags(s)

MECKTKGKHQHSLNLLDKIKNMKELEEMIDVVLIAEEEFPCHRVLVAAFSPYFKAMFTCGLLECTQREV
 ILYDITAESVSVILNYMSAVLEINNANVQTVAMAAYFMQMEEVFSVCQNYMMDHMDASNCIGIYYFAKQ
 IGAEDLSDQSKKYLQHF AEVSLHGEILDIEAHQLLALIKSDDLNISREESILDLVLRWVNHQALRTEH
 LVELLKQVRLELINASFLRQALRRNTMLLCDGSCIDI IQNAFKAIKTPQQHPSNLRYGME TTSLLLCIGN
 NSSGIRSRHSYGDASFYDPVSHKTYFISSPKYGEGLTVCTGVVMENNTVIVAGEATATRLSRQKSKN
 IEIYRYHDRGNQFWEKLC TAEFRELALGSIHNDLYVIGGQMKIKNQYLITNCVDKYSVDQDNWKRVSPL
 PLQLACHAVVTVNNKLYVIGGWTPQVKFLAYLPGVAGFAEKCSSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9061_f05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001142724

ORF Size: 1398 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_001142724.1](#), [NP_001136196.1](#)

RefSeq Size: 1639 bp

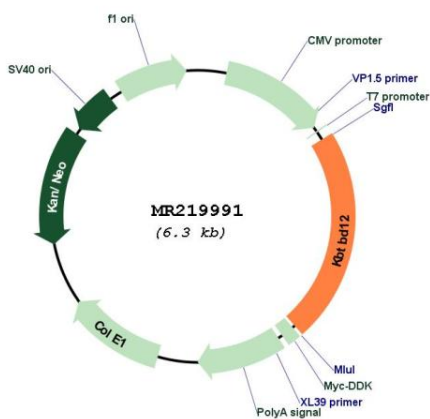
RefSeq ORF: 1401 bp

Locus ID: 74589

Cytogenetics: 6 D1

MW: 53 kDa

Product images:



Circular map for MR219991