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Product datasheet for MR219989

Kbtbd12 (NM_029013) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kbtbd12 (NM_029013) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kbtbd12
Synonyms:	4833415F11Rik; 4933428M03Rik; Klhdc6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR219989 representing NM_029013 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGTGCAAGACTAAGGGGAAACACCAGCATAGCTTGAACTTACTAGATAAAATTAAGAATATGAAAG AGTTAGAAGAAATGATTGATGTAGTGCTCATAGCAGAAGAGGAGAAATTCCCTTGCCACAGACTGGTGCT CGCTGCCTTTAGTCCTTATTTCAAGGCTATGTTCACCTGTGGACTACTCGAGTGCACTCAGAGAGAGGTC ATACTCTATGACATCACAGCAGAAAGTGTGTCAGTGATATTAAACTACATGTACAGTGCTGTCCTGGAGA TCAATAACGCCAACGTTCAGACCGTAGCCATGGCTGCCTATTTTATGCAGATGGAAGAAGTCTTTAGTGT GTGCCAAAACTATATGATGGACCACATGGATGCCTCCAACTGCATAGGAATTTATTACTTTGCAAAACAA ATCGGAGCAGAAGATTTATCGGATCAGTCGAAGAAGTATTTATACCAGCACTTCGCCGAGGTAAGCCTTC ATGGAGAAATACTTGACATCGAAGCTCACCAGCTTCTGGCACTTATTAAGTCTGATGATCTGAATATATC CAGAGAAGAGAGCATTCTGGATTTGGTTCTGAGATGGGTAAACCATAACCAAGCTTTGCGCACAGAGCAT CTCGTTGAGCTTTTGAAGCAAGTCAGACTGGAACTTATAAACGCTTCCTTTCTAAGACAGGCCCTCAGAA GGAACACGATGCTCCTTTGTGATGGCAGTTGCATTGATATAATCCAGAATGCGTTCAAAGCCATCAAGAC ACCCCAGCAGCACCCCTCCAACCTTCGCTATGGCATGGAGACCACCAGCCTTCTGCTTTGCATTGGGAAC AATTCTTCTGGAATCAGATCAAGGCACAGGAGCTATGGGGATGCCAGTTTTTGTTATGACCCTGTGTCAC ACAAGACCTATTTTATCTCATCACCCAAGTATGGGGAGGGTTTGGGAACTGTGTGCACTGGGGTAGTCAT GGAAAACAATACTGTAATTGTGGCTGGAGAAGCAACTGCCACTAGGCTCTCTAGGCAAAAGAGCAAGAAT ATTGAAATCTATAGGTGTGTATCTCATAGCAGGTTTGGTATTTTTTGTTTTGTTTTGTTAAGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

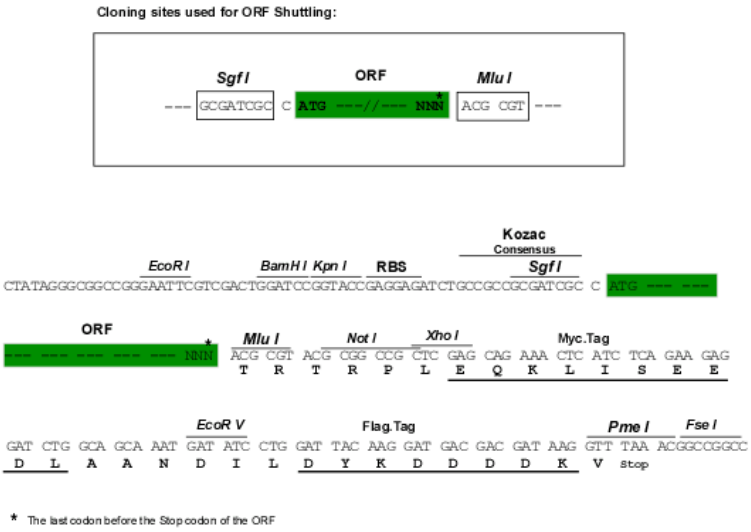
>MR219989 representing NM_029013
Red=Cloning site Green=Tags(s)

MECKTKGKHQHSLNLLDKIKNMKELEEMIDVVLIAEEEKFPCHRLVLAAFSPYFKAMFTCGLLECTQREV
ILYDITAESVSVILNYMYSAVLEINNANVQTVAMAAYFMQMEEVFSVCQNYMMDHMDASNCIGIYYFAKQ
IGAEDLSDQSKKYLYQHFAEVSLHGEILDIEAHQLLALIKSDDLNISREESILDLVLRWVNHNQALRTEH
LVELLKQVRLELINASFLRQALRRNTMLLCDGSCIDIIQNAFKAIKTPQQHPSNLRYGMETTSLLLCIGN
NSSGIRSRHRSYGDASFCYDPVSHKTYFISSPKYGEGLGTVCTGVVMENNTVIVAGEATATRLSRQKSKN
IEIYRCVSHSRFGIFCFVLLR

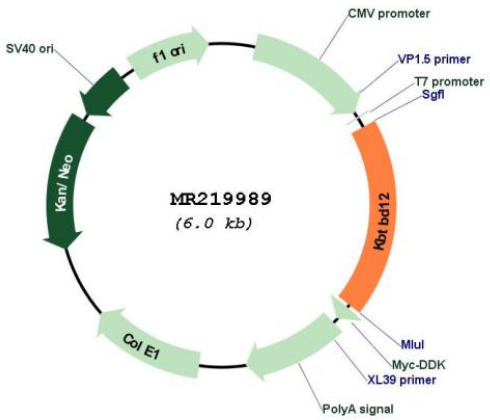
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_029013

ORF Size:	1113 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_029013.2, NP_083289.2
RefSeq Size:	1572 bp
RefSeq ORF:	1116 bp
Locus ID:	74589
Cytogenetics:	6 D1
MW:	57.6 kDa