

Product datasheet for **RC207365**

KBTBD2 (NM_015483) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KBTBD2 (NM_015483) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KBTBD2
Synonyms:	BKLHD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC207365 representing NM_015483
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCACTCAAGACGAGAGGCAGATCAATACTGAATATGCTGTGTCATTGTTGGAACAGTTGAACTGT
 TTTATGAACAGCAGTTGTTTACTGACATAGTGTTAATTGTTGAGGGCACTGAATTCCTTGCATAAGAT
 GGTCTTGCAACATGTAGCTCTTATTTACAGGGCCATGTTTATGAGTGGACTAAGTAAAAGCAAACAACC
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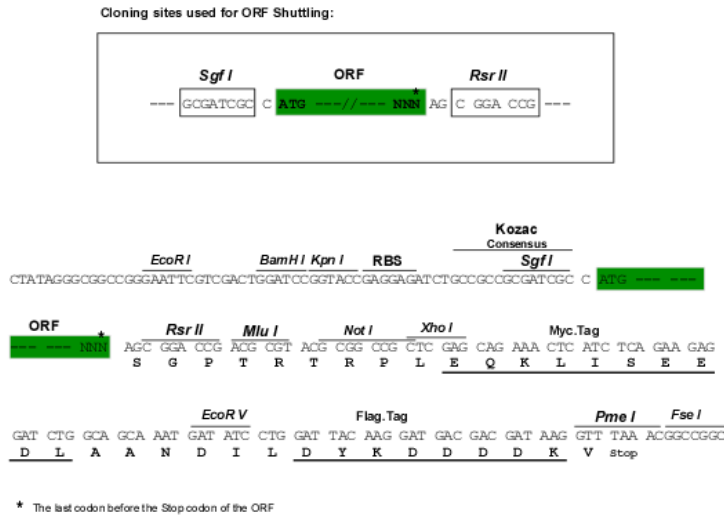
Protein Sequence:

>RC207365 representing NM_015483
 Red=Cloning site Green=Tags(s)

MSTQDERQINTEYAVSLLEQLKLFYEQQLFDTDIVLIVEGTEFPCHKMVLATCSSYFRAMFMSGLSESKQT
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 DLFSCHEELKQSAKRMVEHKFTAVYHQDAFMQLSHDLLIDILSSDNLNVEKEETVREAAMLWEYNTEERS
 QYLSSVLSQIRIDALSEVTQRAWFQGLPPNDKSVVVQGLYKSMKFFKPRLGMTKEEMMIFIEASSENPC
 SLYSSVCYSPQAEKVYKLCSPPADLHKVGTVVTPDNDIYIAGGQVPLKNTKTNHSKT SKLQTAFRTVNCF
 YWFDAQQNTWFPKTPMLFVRIKPSLVCCEGYIYAIGGDSVGGELNRRTVERYDTEKDEWTVMSPLPCAWQ
 WSAAVVVHDCIYVMTLNLMYCYFPRSDSWEMAMRQTSRFSASAAAFGDKIFYIGGLHIATNSGIRLPSG
 TVDGSSVTVEIYDVNKNEWKMAANIPAKRYSDPCVRAVVISNSLVCVFMRETHLNERAKYVTYQYDLELDR
 WSLRQHISERVLWDLGRDFRCTVGKLYPSCLEESPWKPPTYLFDSTDGTEEFELDGEMVALPPV

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8120_d04.zip
Restriction Sites: SgfI-RsrII
Cloning Scheme:



ACCN: NM_015483

ORF Size: 1869 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.

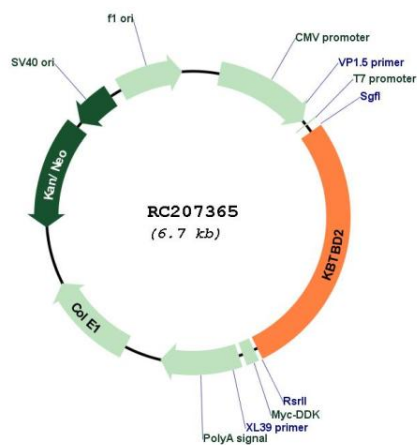
RefSeq: [NM_015483.3](#)

RefSeq Size: 3710 bp

RefSeq ORF: 1872 bp

Locus ID: 25948
 UniProt ID: [Q8IY47](#)
 Cytogenetics: 7p14.3
 MW: 71.8 kDa

Product images:



Circular map for RC207365