

Product datasheet for **SC105936**

KBTBD7 (NM_032138) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KBTBD7 (NM_032138) Human Untagged Clone
Tag:	Tag Free
Symbol:	KBTBD7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC105936 sequence for NM_032138 edited (data generated by NextGen Sequencing)

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ATGCAGTCCCGGGAAGACGTCCCGCGCTCTCGCCGCTCGCCAGTCCCCGTGGTGGGAGG
CGGCCAAGAGGATTTCCAAGCCCTCGGTTTCGGCCTTTTTACGGGTCCAGAGGAGTTA
AAGGACACGGCCATTCTGCAGCCCTGCTGGCACAGCTCAAGTCTTCTACGACGCGGG
CTGTGTGTGATGTGACCATCGAGGTGGTGACGCTGGCAGCGGGCTGGCACGGGTGCG
CTCTTTTCTGCAATCGCAACGTGCTAGCAGCTGCGTGTCCCTACTTCAAGAGCATGTTT
ACAGGTGGCATGTACGAGAGCCAGCAGGCCAGCGTGACCATGCACGATGTGGACGCCGAG
TCCTTCGAGGTGTTGGTCGACTACTGCTACACGGGTCGTGTCTCTCAGTGAGGCCAAT
GTGCAGCGCTGTACGCGGCTCCGACATGCTACAGCTGGAATATGTGCGGGAAGCCTGT
GCCTCCTTCTTAGCCCGACGTCTTGACCTGACCAACTGCACCGCCATCCTCAAGTTTGA
GACGCTTCGACCATCACAAGCTTCGATCTCAGGCCAGTCTACATAGCTCACAACCTC
AAGCAGCTCAGCCGAATGGGTTCAATTCGGGAGGAGACTCTAGCAGATCTAACCTGGCC
CAGCTGTGGCTGTCTACGCTGGATAGTCTGGACATAGAGAGTGAGCGGACTGTATGC
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GTCTTCAAGTGCCTGCGCTGGATGCACTTCACTGAAGAAGATCAGGACTACTTAGAAGGG
CTGCTGACCAAGCCCATCGTGAAGAAGTACTGCCTGGACGTTATTGAAGGGCCCTGCAG
ATGCGCTATGGTGACCTGTTGTACAAGTCTCTGGTGCCAGTGCCAAACAGCAGCAGCAGC
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CCCAGGAAAGACCTCTGGGTGTATAAACAGCTCAGAATAGTTGGCAGCAACTTGCAGAT
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ATTGTCAATCATGACAAAAGTTGCTTCTCATCACTTCTACAACCCACAATGAAAAAG
AACCGAGTGACAGTGTATGAGTATGATACTAGGGAAGATCAGTGGATTAATATAGGTACC
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TCCTGCCTTGAACCTGGTCAGAGTTTTATTACTGAGGAAGATGATGCACGGAGTGAGTCT
AGTACTGAATGGGACTTAGATGGATTAGTGGAGCTGGACTCTGAGTCAGGAAGTTCAAGT
TCTTTTTCAGATGATGAAGTCTGGGTGCAAGTAGCACCTCAGCGAAATGCACAGGATCAG
CAGGGTCTTTGTAA
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Clone variation with respect to NM_032138.4
1053 t=>c;1056 t=>c

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032138 unedited
 CACTATAGGGCGGCCGCGAATTCGGCACGAGGGCCTTTCTCGCCGTCAGCGCCCGTCGCC
 ATCTCCACCATGCAGTCCCGGAAGACGTCCCGCGCTCTCGCCGCTCGCCAGTCCCCGT
 GGTGGGAGGGCGCCCAAGAGGATTTCCAAGCCCTCGGTTTCGGCCTTTTTACGGGTCCA
 GAGGAGTTAAAGGACACGGCCATTCTGCAGCCCTGCTGGCACAGCTCAAGTCTTCTAC
 GACGCGCGGCTGCTGTGTGATGTGACCATCGAGGTGGTACGCTGGCAGCGGGCCTGGC
 ACGGGTCGCCTTTTTCTGCAATCGCAACGTGCTAGCAGCTGCGTGTCCCTACTTCAAG
 AGCATGTTACAGGTGGCATGTACGAGAGCCAGCAGGCCAGCGTGACCATGCACGATGTG
 GACGCCGAGTCCCTCGAGGTGTTGGTCTGACTACTGCTACACGGGTCGTGTCTCTCAGT
 GAGGCCAATGTGCAGCGCTGTACGCGGCTCCGACATGCTACAGCTGGAATATGTGCGG
 GAAGCCTGTGCCTNCTTCTAGCCCGACGTCTTGACCTGACCAACTGCACCGCCATCCTC
 AAGTTNGCAGACGCTTCGACCATCACAAAGCTTCGATCTCAGGCCAGTCTACATAGCT
 CACCACCTCAAGCAGCTCAGCCCGATGGGTTCAATTCGGGAGAGACTCTACAGATCTAAC
 CTGCCAACTGCTGGCTGCCTACCCTGGATAGCCTGACATAGAGAGTGAGCCGACTGTA
 TGCCATGTACCTGTGAGTGGCTGGGAGCTGCTGCCAAAGACCGGTTCCAGTGTGCAA
 AGTCTTACAGTGCCTGCGCTGATGCCCTCCCTGAGGAGATCAGACTTCTTAAAGGCTGCTG
 ACAACCCATCTGAAAATTCTGCCTGCCCTATTAGAGGGCTTGCATGCCTGGGGACCTNT
 ACAAGTTTGGTCCAGGCAACAANACATACACATCTCTGACTGACAAATCCACCAA
 CTGNTTGGCCAGAATGGATTTTTGACCAAATCTTNTGTTACTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032138 unedited
 GCCGCATCTTANATCGAGTTTTTTTTTTTTTTTTTTTTGGTTTAGAAGGGTGTTAATTCAT
 GACATTACTAAGAATGGGTGTTTTTTGGGATAGAAAATGGTCACATATACCAAATACAC
 ATTTTATATTCCAAAATAAAAAGTGAATTTCTTTTAAAACAGTGAATCCTGANNNNTT
 TTTTTTTTTTTTTTTTTTACTTCTGTGAGCTTATGAGGCCATTCTGCACATTATCAA
 ATGAAATCATTATGCAGTAACCTTATATATAAATCCAATTTTTCTTTGTAGAAGAA
 AACCAAATAATTTACAAACTACATTTAACTTAGAATATAAAGAAGTACTAGTGTA
 ATTTTGAAAATCTACCACTTTATTTGAAGGAAAGTACACATCCTTCAAACCCCGCTAA
 CAATTCCTAGTTCAGTTTTCTATTATACAAATCAAAAAGTTAAATTCCTGTGGCACTAA
 CCAAACTTAAAAATTAACAGAAGACTGATTTAATTAAAAAAAAAAGCATACTTACTAATC
 AAAACAATCCACTGTGCANTGAATATTTNGACACTGAAAAAACCTACCAAGCCTCCTAA
 TCAATTATATAAGTCTGCCTCCATATTTAAATNCTGGACTTTCAGGAATGTAAATTTTT
 AACCCAGTCGATTTTCATGGACTGTCTAACCTTGGATATTTTAAAAATTACCCCTTCTA
 ACCAAATCTGGGGCCTAATAACTTTTTTCCAAGAAAAAACCATTTGGTTTTAAATCA
 TTCCGTACCAGTAGAACTCTAATGTCTCAAATACTTTTCCAAAAACCCCTGTGGATCTG
 GCCTTTCGTTAAGGGTTTTTCCCAACTTTAATTGGAAAAACTTGACTTCTGATTA
 AGACCACCTCCTGATCCCTTAAGCGCTTTCGACTTAACCTCCGGGCTTTTTTTCAGAA
 AAAGTTCGGGTTTAGCCGGAGGTTAACCCGCCACGGGCTTATGCCCGTTCAGTGAAG
 CTCACTGTCCCT

Restriction Sites:

NotI-NotI

ACCN:

NM_032138

Insert Size:

2930 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<ol style="list-style-type: none">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_032138.3 , NP_115514.2
RefSeq Size:	3009 bp
RefSeq ORF:	2055 bp
Locus ID:	84078
UniProt ID:	Q8WVZ9
Cytogenetics:	13q14.11
Domains:	BTB, Kelch
Gene Summary:	The protein encoded by this gene is a transcriptional activator, having been shown to increase the transcription of activator protein-1 and serum response element. The encoded protein can also form a complex with KBTBD6 and CUL3, which regulates the ubiquitylation and degradation of TIAM1, which is a regulator of RAC1. [provided by RefSeq, Jul 2016]