

## Product datasheet for **SC127675**

### **KBTBD4 (NM\_016506) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	KBTBD4 (NM_016506) Human Untagged Clone
Tag:	Tag Free
Symbol:	KBTBD4
Synonyms:	BKLHD4; HSPC252
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_016506, the custom clone sequence may differ by one or more nucleotides

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ATGGAATCACCAGAGGAGCCTGGAGCATCCATGGATGAGAACTACTTTGTGAACTACACTTTCAAAGATC
GGTCACATTCAGGCCGTGTGGCTCAAGGCATCATGAAACTGTGTCTAGAGGAGGAGCTCTTGCTGATGT
CACCATTTCCGGTGAAGGCCGGGAGTTTCAGCTCCATCGGCTGGTCTCTCAGCTCAGAGCTGCTTCTTC
CGATCCATGTTCACTTCCAACCTGAAGGAGGCCACAACCGGGTATTGTGCTGCAGGATGTCAGCGAGT
CTGTTTTCCAGCTCCTGTTGATTATATCTACCATGGACTGTGAACTTCGAGCTGAGGAGTTGCAGGA
AATTTATGAGGTGTCAGACATGTATCAGCTGACATCTCTCTTTGAGGAATGCTCTCGTTTTTGGCCGC
ACAGTGAAGTGGGAACTGCCTTCAGGTGATGTGGTGGCAGATCGGCACAGTATCCTGAGCTCTATA
CGGCTGCCAAGCACTGTGCCAAGACCCACCTGGCCAGCTGCAGAATACAGAGGAATTTCTCCACTTGCC
CCACCGCTTACTCACAGATATCATCTCGGATGGAGTCCGTGTTCTCAGAACCAACAGAGGCAATAGAA
GCCTGGATCAACTTTAATAAGAGGAAAGAGAGGCTTTTGCAGAGTCACTCAGGACAAGCTTGAAGGAAA
TTGGGGAGAATGTGCACATTTACCTGATTGGGAAAGAGTCACTCGTACCCACTCGTTGGCTGTGCTCTT
GCACTGTGCAGAAGATGACTCCATCAGTGTAAAGTGGCCAAAACAGTTTGTGCCACCAGATCACTGCGGCC
TGCAAGCATGGTGGAGACTTGTATGTGGTGGGAGGGTCCATCCCACGGCCGATGTGGAAGTGCAACAATG
CCACCGTTGACTGGGAGTGGTGTCTCTTTGCCTCGGGACCGGCTCCAGCACACCCTGGTGTCTGTGCC
CGGGAAAGATGCCATATATTCAGTGGGTGGCAAGACACTGCAAGATACCCCTCTCCAACGCAGTCATTTAT
TATCGCGTAGGTGATAATGTGTGGACAGAGACAACTCAGCTAGAGGTGGCTGTGTGAGGGGCTGTGGTG
CCAACCTCAACGGGATCATCTACTTACTAGGGGGGAGGAGAATGATCTGGACTTCTTTACCAAACCTTC
CCGACTCATCCAGTGTCTTGACACAGAGACAGACAAATGCCATGTGAAGCCCTATGTGCTGCCCTTTGCA
GGCCGCTGCACGCAGCTGTGCATAAAGATCTGGTGTTCATCGTGGCTGAAGGGGACTCCCTGGTGTGCT
ACAATCCCTTGCTAGACAGCTTCAACCGCTTTGCCTTCTGAGGCCTGGAGCTCTGCCCATCCCTCTG
GAAGATTGCCAGCTGTAACGGGAGCATCTATGTCTCCGGGACCGATATAAAAAGGGGGATGCCAACACC
TACAAGCTTGACCCTGCCACTTCAGCCGTAAGTGTACAAGAGGTATTAAGGTGCTGCTTACCAATTTGC
AGTTTTGTGTTGGCCTAA
    
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_016506 unedited

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ATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGAGACAGGCAGGTAGGGAAAT
CGTGAGGTGAGCGTGATCCTAGCTCCTTGTGGCAGAGCCTAGAGAGAAGGCGAGGACGCT
GAAGAACCAGGCGGCTGGCAGAGAGAGAAGTTGGCTAGCATGGAATCACCAGAGGAGCCT
GGAGCATCCATGGATGAGAACTACTTTGTGAACTACACTTTCAAAGATCGGTACATTCA
GGCCGTGTGGCTCAAGGCATCATGAAACTGTGTCTAGAGGAGGAGCTCTTTGCTGATGTC
ACCATTTCCGGTGAAGGCCGGGAGTTTCAGCTCCATCGGCTGGTCTCTCAGCTCAGAGC
TGCTTCTCCGATCCATGTTCACTTCCAACCTGAAGGAGGCCACAACCGGGTATTGTG
CTGCAGGATGTCAGCGAGTCTGTTTTCCAGCTCCTGGTTGATTATCTACCATGGGACT
GTGAAACTTCGAGCTGAGGAGTTGCAGGAAATTTATGAGGTGTCAGACATGTATCAGCTG
ACATCTCTCTTTGAGGAATGCTCTCGTTTTTGGCCGCACAGTGAAGTGGGAACTGC
CTTCAGGTGATGTGGCTGGCAGATCGGCACAGTATCCTGAGCTCTATACGGCTGCCAAG
CACTGTGCCAAGACCCACCTGGCCAGCTGCAGAATACAGAGGAATTTCTCCACTTGCC
CACCGCTTACTCACAGATATCATCTCGGATGGAGNNTTCGTGTCTCAGAACCAACAGAG
GGCATAGAAGCCTGGATCAACTNNTATAAGAGGAAGAGAGGCTNTNGCAGAGCACTCAGG
ACAGCTTGAGGGAATGGGGAGATGTACANTTACTGATGGGAAGAGCTCTCGACCCACTC
GTGCTGGTCTGCTGGCAGAGACTCATA
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_016506 unedited TATGACCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTCCCTTCAAAAAC TTTATTTGATCAACAGTTCTAGCTCTTGACTTAGCTTAGAGCTTTTAAAAGAGCAGAC ACCTTATATATTTGAGATTGAAAAAGTTTCTGCTATTAATCAGAAATAATCATTCTATT TTCTGGCTTACCCTTGGAAATAAGCCAAAAATAAAACCAAAGTTACATTTCTGACAGAT GGCTAAGAAAAACAATAGAAGGAACATCCTGAATTCTAGAGTTGACTCTTGCTGGTAAAGT ACACCTTCAGCTTAGTCCATTCTCCTAAGTAAAGCCTGAAGGAAAACCTTAAACACCTAA TTCTTTGTGAAAAATGATCAACTAGCCATTTACAGGCTATAGAACAAAAGTACAATTG GGCATCTTTCCTTATGTCTGGGATCAGGGGTGCTTACATTTAACATTGATCAGGTAAG AGGAGAGGCTGTGCCTAAGGTCTGAGAAAAGGCTTGCTCTAAGCAAGCTGTGGTGAAGCA CAGGATGACTAGGGAATGGCAGAGAACAGGCTGGCCTACTGTCAGTTCAAGCAACCAGCT GAGCAGCAGCAGTCTAAAAAGCCCCAACAGAACACCTCCATGGATTGAGGGAAGGGCTG AGGCACTGCCTTTCTAGTATGTGCCAAAAAAAACATAACTCTGAATTGGGGCCAGGGGA CTTTGAGTTTGTATGGGGAGGGAAAAGGAGTGAGCAGTTCTCCTCCCCTCCACAGCCTT ANGCCAACACAACTGCAAATTTGGTAAGCAGCACTTTNAATACCTCTGTGACNAGTACGG CTGAAGTGGCAGGTCAGCTNGTAGGTGTTGGCATCCCCCTTTTATTATCGTCCGGAA GAACTAGATGCTCCCGTTGAGCTGGCAATCTTCAGAGGATGGGGCAGAGCCTCAGGCTCA GAAAGGCAACCGGTGAANCTGCCTACAGGAN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_016506
<b>Insert Size:</b>	2440 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_016506.3</a></u> , <u><a href="#">NP_057590.2</a></u>
<b>RefSeq Size:</b>	2442 bp
<b>RefSeq ORF:</b>	1557 bp
<b>Locus ID:</b>	55709
<b>UniProt ID:</b>	<u><a href="#">Q9NVX7</a></u>
<b>Cytogenetics:</b>	11p11.2