

Product datasheet for **SC317094**

KBTBD13 (NM_001101362) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KBTBD13 (NM_001101362) Human Untagged Clone
Tag:	Tag Free
Symbol:	KBTBD13
Synonyms:	HCG1645727; NEM6
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001101362, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGCACGGGGTCCACAGACCCTGGTGCAGGTGTGGGTGGGCGGCCAGCTCTTCCAAGCC GACCGCGCCCTGCTGGTGGAGCACTGTGGCTTCTTCCGAGGCCTCTTCCGCTCCGGCATG CGGGAGACCCGCGCAGCAGAGGTGCGCCTGGGCGTTCTGAGCGCGGGAGGTTTCCGCGCC ACGCTGCAGGTGCTGCGCGGCGACCGCGCGGCTGGCGCGGAGGACGAGCTGCTGCAG GCCGTGGAGTGCGCCGCTTCTCCAGGCGCGGCGCTGGCTCGCTTTCTGGAGCACAAC CTCACGTCGGACAACGCGCATTGCTGTGCGACGCGGCCCGCCGCTTCGGCTGCGCGAC GTGTTCCACAGTGCCGCGCTCTTCATCTGCGACGCGGAGCGCGAGCTGGCGGCCGAAGT GCGCTGCGCTGAGGCCCGCGCCTACGTGGCGGCCCTGCGGCCAGCAGCTACGCGGCCGTG AGCACGCACACGCGCGCGCCGCTTCTGGAGGACGCCTCGCGCACGCTGTGTTACCTG GACGAGGAAGAGGACGCGTGGCGCACGCTGGCTGCGCTGCCCCTGGAGGCCAGCAGCTTG CTGGCCGGGGTGGCCACGCTGGGCAACAAGCTTTACATCGTGGGGGGCGTGCGCGCGCC AGCAAGGAGGTGGTAGAGCTGGGCTTCTGCTACGACCCGACGGCGGCACGTGGCACGAG TTCCCCAGCCCGCACCAGCCGCGCTATGACACAGCGCTGGCCGGCTTCGACGGCCGCTC TACGCCATCGGCGCGAGTTCAGAGGACGCCCATCAGTCCGTGGAGCGCTACGACCCA GCCGCGGGCTGCTGGAGTTTCGTGGCCGACCTGCCGAGCCGGCCGCGCGCTGCCCTGC GCCCAGGCTTGTGGCCGCTCTTCTGTGTGCTGTGGCGGCCGGCCGACACACCGCCGTG GTGGAGTACGCAGTGCGGACCGACGCGTGGCTGCCAGTGCCGAGCTGCGGCGTCCGACG AGCTATGGCCACTGCATGGTGGCCACCGCGACAGCCTCTATGTGGTGCACAACGACCT TCCGACGACTTCTGCACTGCGCCATCGACTGTCTCAACCTGGCCACGGGCCAGTGGACG GCGCTGCCCGGCCAGTTCGTCAACAGCAAGGGAGCGCTCTTACGCGCGTGGTGCAGCGC GACACCGTCTATACGGTCAACCGCATGTTACGCTGCTCTACGCCATCGAGGGCGGCACC TGGCGGCTGCTCAGGGAGAAAGCCGGCTTCCCGCGGCCCGGCTCCTTGACAGCCTTCTC CTAAGGCTGCCTCCTGGCGCTCCTGGGCTGTGACTTCGACAACGGCAGAACTG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001101362


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001101362.1</u> , <u>NP_001094832.1</u>
RefSeq Size:	1377 bp
RefSeq ORF:	1377 bp
Locus ID:	390594
UniProt ID:	<u>C9JR72</u>
Cytogenetics:	15q22.31
Gene Summary:	The gene belongs to a family of genes encoding proteins containing a BTB domain and several kelch repeats. The BTB domain functions as a protein-protein interaction module, which includes an ability to self-associate or to interact with non-BTB domain-containing proteins. The kelch motif typically occurs in groups of five to seven repeats, and has been found in proteins with diverse functions. Known functions of these family members include transcription regulation, ion channel tetramerization and gating, protein ubiquitination or degradation, and cytoskeleton regulation. The exact function of this family member has yet to be determined. [provided by RefSeq, Jun 2010]