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Product datasheet for SC320845

KBTBD10 (KLHL41) (NM_006063) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KBTBD10 (KLHL41) (NM_006063) Human Untagged Clone
Tag:	Tag Free
Symbol:	KBTBD10
Synonyms:	KBTBD10; Krp1; SARCOSIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene sequence for NM_006063.2
GCTGCAAGGAGCTAAGGCCTTCAGTGTCCCCTTCCTTACCCAGGTTTCTCACAGAATGGA
TTCCCAGCGGGAACTTGCAGAGGAACTGCGGCTTTACCAATCCACCCTTCTTCAGGATGG
TCTAAAAGATCTCCTGGATGAGAAAAAATTCATCGATTGCACCCTAAAAGCAGGTGACAA
AAGTCTTCCTTGCCACAGATTGATTTTGTCAGCTTGTAGTCCTTACTTCCGTGAGTACTT
TTTATCTGAAATTGATGAGGCGAAAAAAAAGGAGGTAGTGCTAGACAATGTGGATCCTGC
TATACTTGATTTAATCATCAAATACCTGTACTCTGCCAGTATTGATCTCAATGACGGAAA
TGTGCAAGATATTTTTGCATTGGCCAGCCGCTTTCAGATCCCCTCAGTGTTTACTGTCTG
CGTTTCTTATCTTCAGAAAAGACTTGCTCCTGGTAACTGTCTAGCCATCCTAAGATTAGG
ACTTCTTCTTGACTGCCCGAGACTCGCCATTTCTGCCCGTGAATTTGTGTCTGATCGCTT
TGTACAGATTTGTAAGGAAGAGGACTTTATGCAACTGTCTCCACAGGAACTGATCTCAGT
CATTTCAAATGACAGCCTAAATGTAGAAAAAGAAGAAGCAGTATTTGAGGCAGTGATGAA
ATGGGTGCGAACAGACAAGGAAAACAGGGTTAAAAACCTTAGTGAAGTGTTTGATTGTAT
CCGTTTTCGCCTTATGACAGAAAAATATTTTAAGGATCATGTTGAGAAAGATGATATAAT
TAAAAGCAACCCAGACCTCCAGAAAAAAATCAAAGTTCTAAAAGATGCTTTCGCAGGCAA
ACTCCCAGAACCTAGCAAAAATGCCGCGAAGACTGGGGCTGGTGAGGTGAATGGTGATGT
TGGTGATGAAGATTTACTTCCTGGTTACCTGAATGACATTCCCAGGCATGGAATGTTTGT
AAAAGACCTCATCCTCTTGGTTAATGACACAGCAGCAGTGGCTTATGACCCCACGGAAAA
TGAATGCTACCTTACTGCACTGGCTGAGCAGATTCCCAGAAATCATTCCAGCATTGTTAC
CCAGCAAAATCAGATATATGTGGTAGGAGGACTATATGTGGATGAAGAAAATAAGGATCA
ACCTCTACAGTCATACTTCTTCCAGCTCGATAGCATAGCATCTGAATGGGTTGGACTTCC
ACCTCTGCCTTCAGCCAGGTGTCTCTTCGGTCTGGGAGAGGTGGATGATAAAATCTATGT
AGTTGCAGGCAAAGACCTTCAAACAGAGGCTTCGCTGGATTCAGTATTATGCTATGATCC
TGTGGCTGCAAAATGGAACGAAGTAAAAAAACTCCCTATCAAAGTCTATGGCCATAATGT
GATTTCACATAAAGGGATGATATATTGTCTAGGAGGAAAGACAGATGACAAAAAATGTAC
AAACAGGGTGTTTATCTTCAACCCCAAAAAAGGAGATTGGAAAGATCTGGCTCCAATGAA
AATTCCTCGTTCCATGTTTGGAGTAGCAGTCCATAAAGGCAAAATTGTGATTGCAGGAGG
TGTCACTGAAGATGGTCTTTCAGCTTCAGTTGAAGCTTTTGACCTTACAACAAATAAATG
GGATGTAATGACCGAATTTCCCCAAGAAAGAAGCTCCATCAGTTTGGTCAGCCTGGCTGG
ATCTCTGTATGCAATTGGTGGTTTTGCTATGATTCAACTGGAGTCTAAAGAATTTGCACC
CACTGAAGTCAATGACATATGGAAGTATGAAGATGATAAAAAAGAATGGGCTGGGATGTT
GAAGGAAATACGTTATGCTTCAGGAGCTAGTTGCCTAGCAACACGTTTAAATCTCTTCAA
ACTGTCTAAACTGTGAACAAGGTGACAAAACATAATAGATTGGGAGGTGGTTTGTTTGGT
GAATGGGGCTTTAATTTATTCTGTTTTTTAAAAGCTTGTACAGACACTCATGTAGAAATT
ATTCAAGAAGTTATTGTCTAAGAGATGAGCAGTAGGTAAGAAAACCTCAGTCATTGACTC
TTCAATGTAATGATCAGAGTTTAAAACCATTTTCTAATAATAAATTAAATCTTCAGTTGA
AAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006063

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:	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_006063.2, NP_006054.2
RefSeq Size:	2472 bp
RefSeq ORF:	1821 bp
Locus ID:	10324
UniProt ID:	O60662
Cytogenetics:	2q31.1
Domains:	Kelch
Gene Summary:	This gene is a member of the kelch-like family. The encoded protein contains a BACK domain, a BTB/POZ domain, and 5 Kelch repeats. This protein is thought to function in skeletal muscle development and maintenance. Mutations in this gene have been associated with nemaline myopathy (NM), a rare congenital muscle disorder. [provided by RefSeq, Mar 2015]