

Product datasheet for **SC321588**

KAP1 (TRIM28) (NM_005762) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KAP1 (TRIM28) (NM_005762) Human Untagged Clone
Tag:	Tag Free
Symbol:	KAP1
Synonyms:	KAP1; PPP1R157; RNF96; TF1B; TIF1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_005762.2
GGCGCGGGGCGAGCGGTTGTGCTTGTGCTTGTGGCGCGTGGTGCGGGTTTCGGCGGCGG
CTGAGGAAGAAGCGCGGGCGGCGCCTTCGGGAGGCGAGCAGGCAGCAGTTGGCCGTGCCG
TAGCAGCGTCCCAGCGCGGGCGGCGAGCGGCCAGGAGGCGCGTGGCGGCGCTCGGCCTC
GCGGCGGCGGGCGGCGGCGAGCGGCCAGCAGTTGGCGGCGAGCGCGTCTGCGCCTGCGCGG
CGGGCCCCGCGCCCTCCTCCCCCTGGGCGCCCCGGCGGCGGTGTGAATGGCGGCCTC
CGCGGCGGCGAGCCTCGGCGAGCGCGCCTCGGCCGCTCTGGCAGCCCCGGGCCGCGCA
GGGCTCCGCTGGCGGCGAAAAGCGCTCCACCGCCCTTCGGCCGAGCCTCGGCCTCTGC
CTCAGCCGCGGCGTCTGTCGCCCCGGGGGCGGCGCCGAGGCGCTGGAGCTGCTGGAGCA
CTGCGGCGTGTGCAGAGAGCGCCTGCGACCCGAGAGGGAGCCCCGCTGCTGCCCTGTTT
GCACTCGGCTGTAGTGCCTGCTTAGGGCCCGGCGCCCCCGCGCCGCAACAGCTCGGG
GGACGCGGGGCGGCGGCGGCGACGGCACCCTGGTGGACTGTCCCGTGTGCAAGCAACAGT
CTTCTCCAAGACATCGTGGAGAATTATTCATGCGTGATAGTGGCAGCAAGGCTGCCAC
CGACGCCAGGATGCGAACCAGTGTGCTGACTAGCTGTGAGGATAATGCCCCAGCCACCAG
CTACTGTGTGGAGTGTCTCGGAGCCTCTGTGTGAGACCTGTGTAGAGGCGCACCAGCGGT
GAAGTACACCAAGGACATACTGTGCGCTACTGGGCCAGCCAAGTCTCGGGATGGTGA
ACGTAAGTGTCTATTGCAACGTACACAAGCATGAACCCCTTGTGCTGTTTTGTGAGAGCTG
TGATACTCTACCTGCCGAGACTGCCAGCTCAATGCCACAAGGACCACCAGTACCAGTT
CTTAGAGGATGCAGTGAGGAACCAGCGCAAGCTCCTGGCCTCACTGGTGAAGCGCCTTGG
GGACAAACATGCAACATTGCAGAAGAGCACCAAGGAGGTTTCGAGCTCAATCCGCCAGGT
GTCTGACGTACAGAAGCGTGTGCAAGTGGATGTCAAGATGGCCATCCTGCAGATCATGAA
GGAGCTGAATAAGCGGGCCGTGTGCTGGTCAATGATGCCAGAAGGTGACTGAGGGGCA
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CATTCTGCGCTTTGCCTTTGGGCTCTGGAGAGTGACAACAACACAGCCCTTTTGTCTTC
TAAGAAGTTGATCTACTTCCAGCTGCACCGGCCCTCAAGATGATTGTGGATCCCGTGG
GCCACATGGCGAGATGAAGTTTTCAGTGGGACCTCAATGCCTGGACCAAGAGTGGCAGGC
CTTTGGCAAGATTGTGGCAGAGCGTCTGGCACTAACTCAACAGGCCCTGCACCCATGGC
CCCTCAAAGACCCAGGGCCCCGAGCAAGCAGGGCTCTGGCAGCAGCCAGCCATGGA
GGTGCAGGAAGGCTATGGCTTTGGGTGAGGAGATGATCCCTACTCAAGTGCAGAGCCCCA
TGTGTGAGGTGTGAAACGGTCCCGCTCAGGTGAGGGCGAGGTGAGCGGCCTTATGCGCAA
GGTGCCACGAGTGAAGCTTGAACGCTGGACCTGGACCTCACAGCTGACAGCCAGCCACC
CGTCTTCAAGGTCTTCCAGGCAGTACCACTGAGGACTACAACCTTATTGTTATTGAACG
TGGCGCTGCCGCTGCAGCTACCGGCCAGCCAGGGACTGCGCCTGCAGGAACCCCTGGTGC
CCCACCCCTGGCTGGCATGGCCATTGTCAAGGAGGAGGAGACGGAGGCTGCCATTGGAGC
CCCTCCTACTGCCACTGAGGGCCCTGAGACCAACCTGTGCTTATGGCTCTTGGCGAGGG
TCCTGGTGTGAGGGTCCCCGCTGGCCTCACCTAGTGGCAGCACCAGCTCAGGGCTGGA
GGTGGTGGCTCCTGAGGGTACCTCAGCCCCAGGTGGTGGCCCGGGAACCTGGATGACAG
TGCCACCATTTGCCGTGTCTGCCAGAAGCAGGCGATCTGGTTATGTGCAACAGTGTGA
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GGATGGTGCAGACAGCACTGGCGTGGTGGCCAAGCTCTACCAGCCAACAGCGGAAATG
TGAGCGTGTACTGCTGGCCATTCTGTGACGAACCTGCCGCCCTGCATCAGCTGGC
TACCGACTCCACCTTCTCCCTGGACCAGCCGGTGGCACCTGGATCTGACCCTGATCCG
TGCCCCCTCCAGGAGAAGTTGTACCTCCCTACAGCTCCCCACAGGAGTTTGGCCAGGA
TGTGGGCCGATGTTCAAGCAATTCAACAAGTTAACTGAGGACAAGGCAGACGTGCAGTC
CATCATCGGCCTGCAGCGCTTCTTCCAGACGCGCATGAACGAGGCTTCCGGTGCACCAA
GTTCTCTGCTGTGCTGGTGGAGCCCCCGCGATGAGCCTGCCTGGTGTGCTGGCCTGAGTTC
CCAGGAGCTGTCTGGTGGCCCTGGTGTGAGCCCTGAGGCTGGAGCCCCATGGCCAGCC
CAGCCTGGCTCTGTTCTGTGCTGTCACCCATCCCCACTCCCCTGGTGGCCTGACTCC
CACTCCCTGGTGGCCCCATCCCCAGTTCTCAGGATATGGTTTTTACTTCTGTGGATTT
AATAAAAACCTTACCAGTTAAAAA
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Restriction Sites:	Please inquire
ACCN:	NM_005762
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:	NM_005762.2 , NP_005753.1
RefSeq Size:	2989 bp
RefSeq ORF:	2508 bp
Locus ID:	10155
UniProt ID:	Q13263
Cytogenetics:	19q13.43
Domains:	zf-B_box, BROMO, RING, PHD, BBC
Protein Families:	Protein Kinase, Stem cell - Pluripotency, Transcription Factors
Gene Summary:	The protein encoded by this gene mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. [provided by RefSeq, Jul 2008]