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Product datasheet for SC333859

CIB3 (NM_001300922) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CIB3 (NM_001300922) Human Untagged Clone
Tag:	Tag Free
Symbol:	CIB3
Synonyms:	KIP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333859 representing NM_001300922. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGGCAACAAGCAGACAGTCTTCACACACGAGCAGCTGGAAGCGTATCAGGACAACCCCTTCCGCCAG AGGATTGCCCAGGTATTCTCTGAGGATGGGGATGGCCACATGACCCTGGACAACTTTTTGGACATGTTT TCCGTGATGAGTGAAATGGCTCCCCGCGACCTCAAGGCTTACTATGCTTTTAAAATTTATGATTTTAAC AACGACGACTACATTTGTGCGTGGGACCTGGAGCAGACGGTGACCAAACTGACGCGGGGGGGGCTGAGT GCCGAGGAGGTGAGCCTGGTATGTGAGAAGGTGCTGGATGAGGCTGATGGAGACCATGATGGGCGGCTG TCCCTGGAAGATTTCCAGAACATGATCCTCCGGGCACCAGACTTCCTCAGCACCTTCCACATCCGAATC TGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI
ACCN:	NM_001300922
Insert Size:	417 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).

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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_001300922.1
RefSeq Size:	578 bp
RefSeq ORF:	417 bp
Locus ID:	117286
UniProt ID:	Q96Q77
Cytogenetics:	19p13.11
Protein Families:	Druggable Genome
MW:	16 kDa
Gene Summary:	This gene product shares a high degree of sequence similarity with DNA-dependent protein kinase catalytic subunit-interacting protein 2 in human and mouse, and like them may bind the catalytic subunit of DNA-dependent protein kinases. The exact function of this gene is not known. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014] Transcript Variant: This variant (2) lacks two consecutive alternate exons in the 5' coding region, compared to variant 1. It encodes isoform 2, which lacks an internal in-frame segment and is shorter, compared to isoform 1.