

Product datasheet for **SC322192**

CIB1 (NM_006384) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CIB1 (NM_006384) Human Untagged Clone
Tag: Tag Free
Symbol: CIB1
Synonyms: CIB; CIBP; KIP1; PRKDCIP; SIP2-28
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322192
CCGCTCGAGGCGAGTTGGCCGAGCTGTGCGCGCGGGGGCGATGGGGGGCTCGGGCAGT
CGCCTGTCCAAGGAGCTGCTGGCCGAGTACCAGGACTTGACGTTCTCTGACGAAGCAGGAG
ATCCTCCTAGCCACAGCGGTTTTGTGAGCTGCTTCCCCAGGAGCAGCGGAGCGTGGAG
TCGTCACTTCGGGCACAAGTGCCCTTCGAGCAGATTCTCAGCCTTCCAGAGCTCAAGGCC
AACCCCTTCAAGGAGCGAATCTGCAGGGTCTTCTCCACATCCCCAGCAAAGACAGCCTT
AGCTTTGAGGACTTCTGGATCTCCTCAGTGTGTTCAAGTACACAGCCACGCCAGACATC
AAGTCCCATTATGCCTTCCGCATCTTTGACTTTGATGATGACGGAACCTTGAACAGAGAA
GACCTGAGCCGGCTGGTGAAGTGCCTCACGGGAGAGGGCGAGGACACACGGCTTAGTGCG
TCTGAGATGAAGCAGCTCATCGACAACATCCTGGAGGAGTCTGACATTGACAGGGATGGA
ACCATCAACCTCTCTGAGTTCAGCACGTCATCTCCCGTTCTCCAGACTTTGCCAGCTCC
TTTAAGATTGTCCTGTGACAGCAGCCCCAGCGTGTGCTCCTGGCACCTGTCCAAGAACCT
TTCTACTGCTGAGCTGTGGCCAAGGTCAAGCCTGTGTTGCCAGTGCGGGCCAAGCTGGCC
CAGCCTGGAGCTGGCGCTGTGCAGCCTCACCCGGGCAGGGGGCGGCCCTCGTTGTGAGGG
CCTCTCCTCACTGCTGTTGTGCTTCCGTTTGTGTTGTAATAATCAGTAATAAAGGT
TTAGAAGTTTGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006384

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).



[View online »](#)

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_006384.2</u> , <u>NP_006375.1</u>
RefSeq Size:	905 bp
RefSeq ORF:	576 bp
Locus ID:	10519
UniProt ID:	<u>Q99828</u>
Cytogenetics:	15q26.1
Domains:	EFh
Gene Summary:	<p>This gene encodes a member of the EF-hand domain-containing calcium-binding superfamily. The encoded protein interacts with many other proteins, including the platelet integrin alpha-IIb-beta-3, DNA-dependent protein kinase, presenilin-2, focal adhesion kinase, p21 activated kinase, and protein kinase D. The encoded protein may be involved in cell survival and proliferation, and is associated with several disease states including cancer and Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013]</p> <p>Transcript Variant: This variant (b) uses an alternate splice site in the coding region, compared to variant a. The encoded isoform (b, also known as CIB1) is shorter, compared to isoform a.</p>