

Product datasheet for **SC208995**

CIB2 (NM_006383) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: CIB2

Synonyms: DFNB48; KIP2; USHIJ

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PSI00062)

ACCN: NM_006383

Insert Size: 735 bp

Insert Sequence: >SC208995 3'UTR clone of NM_006383
The sequence shown below is from the reference sequence of NM_006383. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCTCAGCACTTTCCACATCCGGATCTAGGACACTGCCGAGGCTGTAGGGGCTAGAAAGTCCACCAT
CCTGCCCTGCAGTCACATGGGTGTGGCCTCCAAGCTCCCCAGGAAAGCAGTGGCAGCCTCTGGGGTTTA
CACCACAAATATATCCTGTGGCCCTTTAGCAAAAAAAAAAACCTTAACCAGGAAGGGGGCCTGTGAAGG
TTAGGACCCCTTCCACAGCCCCGCTGTGGTCCAGCCCCGGGACCCATGGCCTCTCTCAGGCCCTCCGC
ACCCCGCCCCATGCCCAAGTCTTTCTACTCCAGAAATGCTCCCCACCCCCCAAAGAGGGGAAAGCA
GATAACCCAACAGGAGGTGGTGGGCTGTGACGTGTCCAAGTGTGGCAGACACCCTGGTCACCCAGGAC
AGAGCGGAAAAAAAAAAGAGGTGAGGGTTTTAACGAGCTATGCAATCTTTTCCAAACCCAAGGTT
GGGCTGCTTCCACCCCTGCCTGTTCCCTTCTCCCGGCTCCTTCACAATGTGAAGCTGTGGGTGCAG
TGGGCCCAAGGGCTCTTGCTCTGTCTGTGCTCTGGGTGATGAGTACCACCCTGCCTGCCTCCCCAAC
ACCGTGGAATCCTCACTGGTGTGTGTCCACAGATTTGTGAACCTCTGGTAGTAAACACTTTTGTCATC
CCTTTGCTCTCCATGTATGCTAATGTTAGGAAATGTTGAGGGTA
ACGCGTAAGCGGCCCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTCTATGAAAGG
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Restriction Sites: SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_006383.4</u>
Summary:	The protein encoded by this gene is similar to that of KIP/CIB, calcineurin B, and calmodulin. The encoded protein is a calcium-binding regulatory protein that interacts with DNA-dependent protein kinase catalytic subunits (DNA-PKcs), and it is involved in photoreceptor cell maintenance. Mutations in this gene cause deafness, autosomal recessive, 48 (DFNB48), and also Usher syndrome 1J (USH1J). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Locus ID:	10518
MW:	26.8