

Product datasheet for SC307721

CIBAR2 (NM_198491) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CIBAR2 (NM_198491) Human Untagged Clone
Tag:	Tag Free
Symbol:	CIBAR2
Synonyms:	FAM92B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307721 representing NM_198491. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGAACATCGTCTTCTCCAGGGACAGCCAGGTGAGGGTGATGGAGAATACCGTGGCCAACACCGAGAAG
 TACTTTGGGCAGTTCTGCTCGTCTGGCCGCTACACGCGCAAGACGGCCCGGCTGCGGGACAAGGCG
 GACCAGCTGGTCAAGCAGCTCATCGACTTTGCCAACTCCGAGAACCCCGAGCTGCGGGCCACCATGAGG
 GGCTTCGCTGAGGACCTGGCCAAAGTGCAGGATTACCGGCAGGCCAGGTGAGAGGCTGGAGACCAAG
 GTGGTCAACCCCTGAAGCTCTACGGGGCACAGATCAAGCAGACACGGGCTGAGATCAAGAAATTCAAA
 CATGTCCAAAATCATGAGATCAAACAACCTGGAAAACTGGAGAACTGAGGCAGAAGTCAACCTCGGAT
 CAGCAAATGATCTCCAGGCAGAGACCAGAGTGCAGAGGGCCGCTGTGGACTCCAGCCGCACACCCCTC
 CAGCTGGAGGAGACTGTGGATGGCTTCCAGAGGCAGAAGCTCAAGGACCTGCAGAAATTTTTTTGTGAC
 TTTGTAATATTGAGATGGTTTTCCATGCCAAAGCGGTGGAGGTGATTCTAGCGCCTTCCAGACCCTG
 GAGAAGTATGACCTGGAGAGGGATCTACTGGATTTTAGAGCCAAGATGCAAGGAGTTTATGGGCATTAT
 GACACTCGGCTGCTTGCCAACACCAGCCCCCTCCATCTGTTCTTCAGTCTCTCGCCAGCCAGGGAAC
 CTGCAGGTCCAGCTGAGTAGGGCAAATGAAGACCCTGAACATCCTCATGCCAATCATGGCAGGTTTGT
 CTCTGTGAGTGGTGGTTAAGGGCAGCCAGCCCACTGTGTGTGGCAGGGTGGGCATCTCATGCTT
 CCAGGACATTCTCT**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_198491
Insert Size:	915 bp


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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:	<u>NM_198491.2</u>
RefSeq Size:	1921 bp
RefSeq ORF:	915 bp
Locus ID:	339145
UniProt ID:	<u>Q6ZTR7</u>
Cytogenetics:	16q24.1
MW:	34.8 kDa
Gene Summary:	May play a role in ciliogenesis (By similarity). In cooperation with CBY1 may facilitate ciliogenesis likely by the recruitment and fusion of endosomal vesicles at distal appendages during early stages of ciliogenesis (PubMed:27528616).[UniProtKB/Swiss-Prot Function]