

Product datasheet for **SC206721**

BCAR1 (NM_014567) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BCAR1 (NM_014567) Human 3' UTR Clone
Symbol:	BCAR1
Synonyms:	CAS; CAS1; CASS1; CRKAS; P130Cas
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014567
Insert Size:	1360 bp



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Insert Sequence: >SC206721 3'UTR clone of NM_014567
The sequence shown below is from the reference sequence of NM_014567. 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
CGCGTCTAGGCCAGCTGGCAGCCGCCTAGGGTGGTGACCCAGGAGGGAGGCAGGGGAGGGGTGCGG
CGGTCCCAGCTCCCTGGCTCCCATGTCAAGAGTCGCTGTGCCACAGGCTTAGGGACAGGACCCAGCTC
TGCGTCGGTCTGGTGCCTGGATGCCAGGAATCTGTATATATTTATGGCCGGGAGGGTGTGGGGCC
ATGCTCCTCAGGAGCCGAAGCCAGGGGCCGCCAGTGGCCTTCCCAGCATGCACCACGGGCCCGGG
TTGGGTACCAGACGGGGCTGGAGTGTGAGGGTCTGCAGCTGCAGGACCTCGTGCCACCCGAGGGC
TGAGCCTGGTCCCACGAGGGTGGCTGTCCCCTGACAGGGCCAGTGCAGTTTGGTGTGCTCCTCCGCCTT
ACCAGGAGAAGAACCTGAAGAACTATTTTTCGTTATTGGTTTTCCAATCATTTGACTAAGAGTCTCCAT
TTAAATAAAGTTTTTAAAGGAAGAGCAGCTGCCTGAGGGTGGCAGATGAGAGCAGCCCGGGGTGGGTG
ACGGTTCTGGGGAAGGCACCCGGGGGCAAGGGCCATGCGTGGCATCTCCCGGAGGGCAGAGGAGGAGT
GGGTCTCTCTAGAAGAAAACCAAGGAACGCCGAGGCTGGGTGTCTCCTGGAGGCGGGGTGAGGCCTGCA
GCTGGCCACAAGGCCCTGGGAGCCAGGGCAGAGCTGGGCCCAAGAAAGGGGCGAGTTTCAGAGCTGCA
GGGTCTGGGGCCAGAAAGCACAGCCTGGGCATGGCCCTGCAACCCTAGGGAGCTGCCACAGTGAAGCA
CCTGCCCATGCCACAGCTGGCATCTGGAGTGAAGGCAGATTGGGGCAGGAACAGCTGCACAAGGGGAC
GGGTCTGTGAGCCGAGGGCACCGTGGGGCTGCATCCAGAGCTCTGCTTAAAGAATCTCATCCCA
GCCTGCGGAACCTCCGAAGTGCACATGGAATTACCTGGACCTGGCATCTGAGTTGGGAGGGAGGGGC
TTGGAGAAGACCCTTGCCTGGCAAGTGTGCCCTTCTGGTCCCGCCAGCCAGCAGCCCGCAGCC
CAGATGGAAGCTTCAGGGTGTGGAAACCCTGGTGTCTGCCAGCCCTGACCGTTCTGCATATGAAC
ATGGGCCTTGGTTTCCCATCTGTATGAAGAAGGAGTAGGGCTGGGTGATTTCGCAAGCCCTCCTGATC
TTACCTCTACAGAGTTGTCCCGTGACAGCATCTGTCCCCCACCTCAGCCACATCATGCTCAGCCCA
CCTGCCTTGGTGAAGACACAGAGGTAAAGGTGTATGCAGTTGCTCTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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.

RefSeq: [NM_014567.5](#)

Summary:

The protein encoded by this gene is a member of the Crk-associated substrate (CAS) family of scaffold proteins, characterized by the presence of multiple protein-protein interaction domains and many serine and tyrosine phosphorylation sites. The encoded protein contains a Src-homology 3 (SH3) domain, a proline-rich domain, a substrate domain which contains 15 repeat of the YxxP consensus phosphorylation motif for Src family kinases, a serine-rich domain, and a bipartite Src-binding domain, which can bind both SH2 and SH3 domains. This adaptor protein functions in multiple cellular pathways, including in cell motility, apoptosis and cell cycle control. Dysregulation of this gene can have a wide range of effects, affecting different pathways, including cardiac development, vascular smooth muscle cells, liver and kidney function, endothelial migration, and cancer. [provided by RefSeq, Sep 2017]

Locus ID:

9564

MW:

47.7