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Product datasheet for SC100468

CSRP2BP (KAT14) (NM_020536) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSRP2BP (KAT14) (NM_020536) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSRP2BP
Synonyms:	ATAC2; CRP2BP; CSRP2BP; dJ717M23.1; PRO1194
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_020536 edited

GAATTCGGCACGAGGCCTCGTGCCGAATTCGGGACGAGGGGGATGGATAGTAGCATCCAC
CTGAGTAGTCTGATCAGTCGGCATGATGACGAAGCCACGAGAACATCGACCTCAGAAGGA
CTGGAGGAAGGTGAAGTGGAGGGAGAGACGCTCCTGATCGTCGAATCCGAGGATCAGGCA
TCAGTGGACTTATCGCACGACCAGAGTGGGGATTCCCTCAACAGTGATGAAGGAGACGTG
TCTTGGATGGAGGAGCAGCTGTCCTACTTCTGTGACAAGTGCCAAAAATGGATACCAGCC
AGTCAGCTGAGGGAACAGCTCAGTTACCTTAAGGGTGATAATTTTTTTAGGTTTACTTGT
TCGGATTGCTCAGCAGATGGCAAGGAGCAGTATGAAAGGCTGAAGCTGACATGGCAGCAA
GTCGTCATGTTGGCAATGTACAACTTGTCTCTGGAAGGAAGTGGACGTCAAGGTTATTTC
AGGTGGAAAGAAGATATCTGTGCTTTTATTGAGAAACATTGGACTTTTTTACTAGGGAAT
AGGAAAAAGACGTCTACCTGGTGGAGCACCGTGGCAGGTTGCCTCAGCGTGGGAAGTCCC
ATGTACTTCCGTTCAGGTGCTCAGGAATTTGGAGAGCCAGGATGGTGGAAACTTGTTCAT
AACAAGCCCCCAACGATGAAACCTGAAGGAGAGAAGTTGTCTGCCTCTACTTTGAAAATA
AAAGCAGCCTCAAAACCAACTTTAGATCCCATCATTACTGTTGAGGGACTTAGAAAACGA
GCAAGTCGGAATCCTGTGGAATCTGCCATGGAATTAAAAGAGAAAAGGTCTCGAACTCAG
GAAGCAAAAGACATTAGAAGAGCCCAGAAGGAGGCCGCTGGCTTTCTTGACAGGAGCACA
TCTTCTACCCCTGTAAAATTCATAAGCCGAGGCCGCAGGCCAGATGTGATTCTGGAAAAA
GGCGAAGTGATTGACTTTTCCTCCTTGAGCTCCTCTGACCGCACCCCGCTGACAAGCCCA
TCTCCTTCTCCTTCTCTGGATTTCTCTGCCCCTGGTACACCTGCCTCTCATTCTGCCACA
CCTAGCTTGCTTTCAGAAGCAGATCTGATTCCAGATGTGATGCCCCCACAAGCCTTGTTT
CATGATGACGATGAGATGGAAGGCGATGGAGTCATAGACCCAGGGATGGAGTACGTCCCA
CCCCCTGCTGGGTCAGTAGCTTCTGGGCCAGTGGTTGGGGGCAGAAAGAAGGTCAGAGGC
CCTGAACAGATAAAGCAGGAGGTAGAGAGTGAGGAGGAAAAACCCGACAGGATGGATATT
GACAGTGAAGACACAGATTCAAACACATCTTTGCAAACAAGGGCTAGAGAAAAGAGGAAG
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GGAGCCAAAGAAGGAGGAATTTCCAGACTTCCAGCTGGACAAGCCACGTACAGAACCACC
TGTCAGGACTTCAGAATCCTTGACCGATACCAGACTTCCTTGCCGTCCAGGAAGGGATTT
CGACACCAGACCACCAAGTTTTTGTATCGCTTGGTAGGATCAGAAGATATGGCTGTGGAC
CAGAGTATTGTCAGCCCTTATACCTCTCGGATCTTGAAACCTTATATCAGGCGTGATTAT
GAAACAAAGCCACCCAAACTGCAGCTCCTGTCACAGATTCGTTCCCACCTGCACAGGAGC
GACCCTCACTGGACGCCGGAGCCCGACGCACCTCTCGATTACTGTTATGTGCGGCCAAAT
CACATCCCAACGATCAACTCCATGTGTCAGGAGTTTTTTTGGCCTGGCATTGACCTGTCT
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CACCCTGAATGGAGAAGAGCAGGGATTGCAACTTTCATGATCTATCATCTGATTCAGACC
TGCATGGGCAAGGACGTAACCCTTCACGTCTCAGCAAGCAACCCCGCTATGCTACTGTAC
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TTGGAGAGTACAGAGTGTAAACACGCATTCTTTCTGAGGCTCCGGCGCTGATGCGAATAC
AGCTCACAGAGAAACGCATGTGCTATTGGAGAACAGGTCTTTGTGGAGATCTAAAGGCAG
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CTCCAGTCCTTCCTGGAGATGCCTTCAGCCAGCATCCCAGACTCCACAGTTATTTATGAA
CGATGTCGTGATTCTCCCTCCACCTGACAGTTTGTAAGAGTGAAAGAGCATCTAACCTGA
TGCTCTTGGAGAGAGATAACCTGTCTGTCATAACTTAAAGGATGAGAAAATGTGGTGTAG
CTATTAAAGATTCATGCAGTCCCAAAAGGCACTGTCCTGGGATGATGAGAGATTATAAGG
TGATTTCATAAAAGGAATCCAACCCTGTGCCCGGCCATTGATGTGTTGTCATTGAATCCA
GGAGGATTTCTAGGGCACTGAAGTTTTGTTGTTTCTTTTGCTGACTTTGGTTACAGTCAG
AAAAAATAAACTAGATGTTTGTGTCTACAAAAAAAAAAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020536 unedited
GCCGTTCACATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGCCTCGTG
CCGAATTCGGGACGAGGGGGATGGATAGTAGCATCCACCTGAGTAGTCTGATCAGTCGGC
ATGATGACGAAGCCACGAGAACATCGACCTCAGAAGGACTGGAGGAAGGTGAAGTGGAGG
GAGAGACGCTCCTGATCGTCGAATCCGAGGATCAGGCATCAGTGGACTTATCGCACGACC
AGAGTGGGGATTCCCTCAACAGTGATGAAGGAGACGTGTCTTGGATGGAGGAGCAGCTGT
CCTACTTCTGTGACAAGTGCCAAAAATGGATACCAGCCAGTCAGCTGAGGGAACAGCTCA
GTTACCTTAAGGGTGATAATTTTTTTAGGTTTACTTGTTCGGATTGCTCAGCAGATGGCA
AGGAGCAGTATGAAAGGCTGAAGCTGACATGGCAGCAAGTCGTCATGTTGGCAATGTACA
ACTTGTCTCTGGAAGGAAGTGGACGTCAAGGTTATTTCAGGTGGAAAGAAGATATCTGTG
CTTTTATTGAGAAACATTGGACTTTTTTACTAGGGAATAGGAAAAAGACGTCTACCTGGT
GGAGCACCGTGGCAGGTTGCCTCAGCGTGGGGAAGTCCCATGTACTTCCGTTCAGGTGCT
CANGAATTTGGAGAGNCCAGATGGTGGAAACTTGTTCATAACAAGCCCCCAACGATGAAA
CCTGAAGGAGAGAGTTGTCTGCCTCTACTTTGAAATAAAAGCAGCCTCAAAACCAACTTT
AGATCCCATCATTACTGTTGAGGGACTTAGAAACGAGCAAGTCGGAATCCTGTGGAATCT
GNCATGGAATTTAAAAGAGAAAAGTCTCCGACTCAGGAAAGCAAAGACATTAGAAGAGCC
CANAAGAGGCCGCTGGCTTTCTTGACAGACACATCTTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020536 unedited
TGAAAAGCTTTAACTATGNACCGCGGCACGCTTTCTAAGATCGATTTTTTTTTTTTTTTT
TTGTAGACACAAACATCTAGTTTATTTTTTCTGACTGTAACCAAAGTCAGCAAAAGAAAC
AACAAAACTTCAGTGCCCTAGAAATCCTCCTGGATTCAATGACAACACATCAATGGCCGG
GCACAGGGTTGGATTCCTTTTATGAAATCACCTTATAATCTCTCATCATCCCAGGACAGT
GCCTTTTGGGACTGCATGAATCTTTAATAGCTACACCACATTTTCTCATCCTTTAAGTTA
TGACAGACAGGTTATCTCTCTCCAAGAGCATCAGGTTAGATGCTCTTTCACTCTTACAAA
CTGTCAGGTGGAGGGAGAATCACGACATCGTTCATAAATAACTGTGGAGTCTGGGATGCT
GGCTGAAGGCATCTCCAGGAAGGACTGGAGGGCGATTTTGCTAAAGGGCTGCTCACTGCT
CATTTCACTGCATGCCGCTTTTCTCACTTTGGTTGGGAGTTTGAAGGACCATGTAATCAC
AGAGATTAGAGCTCCCTGTGAAATCAATCACTGCCTTTAGATCTCCACAAAGACCTGTTC
TCCAATAGCACATGCGTTTCTCTGTGAACTGTATTCCCATTAGCGCCAGAGCCTCAAAAA
AATGCGTGTTTACCCTCTGTACTCTCCAATGGGTAATAATTATCATAGAAACCTAATACA
TATTCTTTCAGTCCTGAATTCCAAACTTCGGGTACAGTAACCTAAACGGGTTGCTTGCTG
AATACCGGAAGGTTACCTCCCTTGCCCATGCAGGGCTGGATTCAGATGATAGTCATGAAA
ATTGGCATCCCTGGTTTTTT

Restriction Sites: NotI-NotI

ACCN: NM_020536

Insert Size: 3300 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).

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_020536.2, NP_065397.1
RefSeq Size:	3884 bp
RefSeq ORF:	2349 bp
Locus ID:	57325
UniProt ID:	Q9H8E8
Cytogenetics:	20p11.23
Domains:	Acetyltransf
Gene Summary:	CSRP2 is a protein containing two LIM domains, which are double zinc finger motifs found in proteins of diverse function. CSRP2 and some related proteins are thought to act as protein adapters, bridging two or more proteins to form a larger protein complex. The protein encoded by this gene binds to one of the LIM domains of CSRP2 and contains an acetyltransferase domain. Although the encoded protein has been detected in the cytoplasm, it is predominantly a nuclear protein. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jun 2011] Transcript Variant: This variant (1) represents the longer transcript and is the protein-coding transcript.