

Product datasheet for **SC319269**

CSRP2BP (KAT14) (NM_177926) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSRP2BP (KAT14) (NM_177926) Human Untagged Clone
Tag:	Tag Free
Symbol:	CSRP2BP
Synonyms:	CRP2 binding partner; CRP2 binding protein; CRP2BP; CSRP2 binding protein; cysteine rich protein 2 binding protein; dj717M23.1; MGC15388; PRO1194
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_177926.1
 GGCACGAGGGAAGACAACATGGGAAAGGAAATCTGGGTGATAAACGGATTAAAC
 CTTTAGGTTACCGCTGCTCTAGATAAACCCATGATGTGACTTTTTGTTTTCTCCTAGGT
 CAGCTGAGGGAACAGCTCAGTTACCTTAAGGGTGATAATTTTTTAGGTTACTTGTTCCG
 GATTGCTCAGCAGATGGCAAGGAGCAGTATGAAAGGCTGAAGCTGACATGGCAGCAAGTC
 GTCATGTTGGCAATGTACAACCTGTCTCTGGAAGGAAGTGACGTCAGGTTATTTTCAGG
 TGGAAAGAAGATATCTGTGCTTTTATTGAGAAACATTGGACTTTTTTACTAGGGAATAGG
 AAAAAAGACGTCTACCTGGTGGAGCACCGTGGCAGGTTGCCTCAGCGTGGGAAGTCCCATG
 TACTTCCGTTTCAGGTGCTCAGGAATTTGGAGAGCCAGGATGGTGAAACTTGTTCAAC
 AAGCCCCAACGATGAAACCTGAAGGAGAGAAGTTGTCTGCCTCTACTTTGAAAAATAAA
 GCAGCCTCAAAACCAACTTTAGATCCCATCATTACTGTTGAGGGACTTAGAAAACGAGCA
 AGTCGGAATCCTGTGAATCTGCCATGGAATTAAGAGAGAAAAGGTCTCGAACTCAGGAA
 GCAAAAGACATTAGAAGAGCCCAGAAAGGAGCCGCTGGCTTTCTTGACAGGAGCACATCT
 TCTACCCCTGTAAATTCATAAGCCGAGGCCGAGGCCAGATGTGATTCTGAAAAAGGC
 GAAGTGATTGACTTTTCTCCTTGAGCTCCTCTGACCGACCCCGCTGACAAGCCCATCT
 CCTTCTCCTTCTCTGGATTTCTCTGCCCTGGTACACCTGCCTCTCATTCTGCCACACCT
 AGCTTGCTTTTCAAGCAGATCTGATTCCAGATGTGATGCCCCACAAGCCTTGTTTCAT
 GATGACGATGAGATGGAAGGCGATGGAGTCATAGACCCAGGGATGGAGTACGTCCCAACC
 CCTGCTGGGTCAGTAGCTTCTGGCCAGTGGTTGGGGCAGAAAGAAGGTGAGAGCCCT
 GAACAGATAAAGCAGGAGGTAGAGAGTGAGGAGGAAAAACCCGACAGGATGGATATTGAC
 AGTGAAGACACAGATTCAAACACATCTTTGCAACAAGGGCTAGAGAAAAGAGGAAGCCT
 CAGCTGGAGAAGGACACAAAGCCGAAAGAGCCAGGTATACTCCCGTGAGCATCTACGAG
 GAAAAGCTGCTGCTCAAGAGGCTGGAAGCTTGTCCCGTGCTGTTGCCATGACTCCGGAA
 GCTCGGAGACTGAAACGCAAACTGATTGTGACAGCAAGCGAAAAGGGATAGGGGATTACCA
 CTTTTTGACTTGATCAAGTTGTTAATGCTGCTTTTTGTTAGTTGACGGGATTTATGGA
 GCCAAAGAAGGAGGAATTTCCAGACTTCCAGCTGGACAAGCCACGTACAGAACCCCTGT
 CAGGACTTCAGAACTCCTTGACCGATACCAGACTTCTTGCCGTCCAGGAAGGGATTTGCA
 CACCAGACCACCAAGTTTTGTATCGCTTGGTAGGATCAGAAGATATGGCTGTGGACCAG
 AGTATTGTCAGCCCTTATACCTCTCGGATCTTGAACCTTATATCAGGCGTGATTATGAA
 ACAAAAGCCACCAAACTGCAGCTCCTGTACAGATTGTTCCACCTGCACAGGAGCGAC
 CCTCACTGGACGCCGAGCCGACGCACCTCTCGATTACTGTTATGTGCGGCCAAATCAC
 ATCCCAACGATCAACTCCATGTGTGAGGAGTTTTTTGGCCTGGCATTGACCTGTCTGAG
 TGTCTGCAGTACCCAGACTTCAGTGTTGTTGTTCTTTATAAAAAAGTCATCATTGCCTTT
 GGCTTCATGGTTCCTGATGTGAAATACAATGAAGCTTACATTTCTGTTTCGTTCCAC
 CCTGAATGGAGAAGAGCAGGGATTGCAACTTTCATGATCTATCATCTGATTACAGCTGC
 ATGGGCAAGGACGTAACCTTCACGTCTCAGCAAGCAACCCCGCTATGCTACTGTACCAG
 AAGTTTGGATTCAAGACTGAAGAATATGTATTAGATTTCTATGATAAATATTACCCATTG
 GAGAGTACAGAGTGTAACACGCATTCTTCTGAGGCTCCGGCGCTGATGCGAATACAGC
 TCACAGAGAAAACGCATGTGCTATTGGAGAACAGGTCTTTGTGGAGATCTAAAGGCAGTGA
 TTGATTTTACAGGGAGCTCTAATCTCTGTGATTACATGGTCCTTCAAACCTCCCAACCAAA
 GTGAGAAAAGCGCATGCAGTGAAATGAGCAGTGAGCAGCCCTTAGCAAAATCGCCCTC
 CAGTCCTTCTGGAGATGCCTTCAGCCAGCATCCAGACTCCACAGTTATTTATGAATGA
 TGTCTGATTCTCCCTCCACCTGACAGTTTGAAGAGTGAAGAGCATCTAACCTGATGC
 TCTTGGAGAGAGATAACCTGTCTGTCACTAAAGGATGAGAAAATGTGGTGTAGCTA
 TTAAAGATTATGCAGTCCCAAAAGGCACTGTCTGGGATGATGAGAGATTATAAGGTGA
 TTTTATAAAAGGAATCAACCTGTGCCCGGCCATTGATGTGTTGTCATTGAATCCAGGA
 GGATTTCTAGGGCACTGAAGTTTTGTTGTTCTTTTGTGACTTTGGTTACAGTCAGAAA
 AAATAAAGTAGATGTTTGTGTCTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_177926

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_177926.1</u> , <u>NP_808779.1</u>
RefSeq Size:	3137 bp
RefSeq ORF:	1965 bp
Locus ID:	57325
Cytogenetics:	20p11.23
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 (2) differs in the 5' UTR and coding region compared to variant 1, resulting in an isoform (b) that has a shorter N-terminus compared to isoform a.