

Product datasheet for **RG203509**

CSRP2BP (KAT14) (NM_020536) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CSRP2BP (KAT14) (NM_020536) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CSRP2BP
Synonyms:	ATAC2; CRP2BP; CSRP2BP; dj717M23.1; PRO1194
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG203509 representing NM_020536
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATAGTAGCATCCACCTGAGTAGTCTGATCAGTCGGCATGATGACGAAGCCACGAGAACATCGACCT
 CAGAAGGACTGGAGGAAGGTGAAGTGGAGGGAGAGACGCTCCTGATCGTGAATCCGAGGATCAGGCATC
 AGTGGACTTATCGCACACCAGAGTGGGGATCCCTCAACAGTGAAGGAGACGTGTCTTGGATGGAG
 GAGCAGCTGTCTACTTCTGTGACAAGTGC AAAAATGGATACCAGCCAGTCAGCTGAGGGAACAGCTCA
 GTTACCTTAAGGGTGATAATTTTTTTAGGTTTACTTGTTCGGATTGCTCAGCAGATGGCAAGGAGCAGTA
 TGAAAGGCTGAAGCTGACATGCCAGCAAGTCGTCATGTTGGCAATGTACAACCTGTCTCTGGAAGGAAGT
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 GAAGTTTGATTCAAGACTGAAGAATATGTATTAGATTTCTATGATAAATATTACCCATTGGAGAGTACA
 GAGTGTAACACGCATTCTTTCTGAGGCTCCGGCCG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG203509 representing NM_020536
 Red=Cloning site Green=Tags(s)

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MDSSIHLSLISRHDDEATRSTSEGLEEEVEGETLLIIVESDQASVDLSHDQSGDSLNSDEGDVSWME
EQLSYFCDKCKQWIPASQLREQLSYLKGDNFFRFTCSDCSADGKEQYERLKL TWQQVVMLAMYNLSLEGS
GRQGYFRWKEDICAFIEKHWTFLGNRKKTSTWWSTVAGCLSVGSPMYFRSGAQEFGEPEGWVKLVHNKPP
TMKPEGEKLSASTLKIKAAASKPTLDPIITVEGLRKRASRNPVESAMELKEKRSRTQEAKDIRRAQKEAAG
FLDRSTSTPVKFI SRGRRPDVILEKGEVIDFSSLSSDRTPLTSPSPSPSLDF SAPGTPASHSATPSLL
SEADLIPDVMPQQALFHDDDEMEGDGVIDP GMEYVPPPAGSVASGPVVGGRKKVVRGPEQIKQEVESEEEK
PDRMDIDSEDTSNTSLQTRAREKRKPQLEKDTKPKPRYPVSIYEEKLLLKRLEACP GAVAMTPEARR
LKRKLI VRQAKRDRGLPLFDLDQVNAALLLV DGIYGAKEGGISRLPAGQATYRTTCQDFRILDYQTSL
PSRKGFRHQTTKFLYRLVGS EDMAVDQSI VSPYTSRILKPYIRRDYETKPKLQLLSQIRSHLHRSDPHW
TPEPDAPLDYCYVRNHIPTINSMCQEFFWPGIDLSECLQYPDFSVVVL YKKVIAFGFMVPDVKYNEAY
ISFLFVHPEWRRAGIATFMIYHLIQTCMGKDVTLHVSASNPAMLLYQKFGFKTEEVVLD F YDKYYPLEST
ECKHAFFLRLRR
  
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_020536

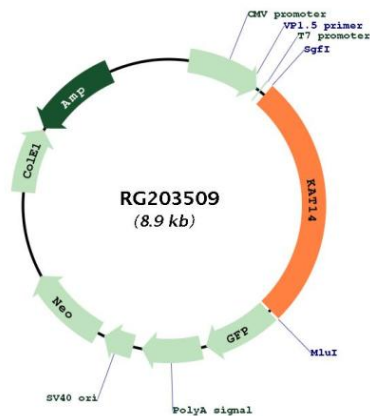
ORF Size: 2346 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	<ol style="list-style-type: none"> 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_020536.5
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]

Product images:



Circular map for RG203509