

Product datasheet for MR206675

Ctbp2 (BC013333) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctbp2 (BC013333) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ctbp2
Synonyms:	AA407280; D7Ertd45e; Gtrgeo6; Ribeye
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206675 representing BC013333 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACGGCCCCCTGCACCCCGCCCCCTGGTGGCACTGCTGGATGGCAGAGACTGCACTGTGGAGATGC
CCATCCTGAAGGACCTGGCCACTGTGGCCTTCTGTGATGCACAGTCCACTCAGGAAATCCATGAGAAGGT
GTTGAATGAGGCTGTGGGTGCCATGATGTACCACACCATACCCTCACCAGGGAAGACCTGGAGAAGTTC
AAGGCCCTGAGAGTGATCGTGCGAATCGGTAGTGGCTACGACAACGTGGACATCAAGGCTGCTGGCGAGC
TCGGGATCGTGTGTGCAACATCCATCTGCTGCAGTGGAGGAGACAGCAGATTCGACAGTCTGCCACAT
TCTCAATCTGTATCGGCCGAACACATGGCTCTACCAGGCCCTCCGAGAAGGCACGCGAGTACAGAGTGTG
GAACAGATCCGTGAGGTCGCCTCAGGAGCTGCTCGGATCCGAGGGGAAACACTGGGCCTCATTGGCTTTG
GTCGCACAGGGCAGGCAGTTGCTGTTCCGAGCCAAGGCCTTTGGATTACAGCGTCATATTTTATGACCCCTA
CTTACAGGATGGGATAGAGCGATCTCTGGGCGTGCAAAGGCTCTACACCTGCAGGACTTGTATATCAG
AGCGACTGCGTCTCCTTGCACTGCAACCTGAACGAGCACAACCATCACCTCATCAATGACTTCACTATCA
AGCAGATGAGGCAAGGTGCATTCCTTGTGAATGCAGCCGAGGTGGCCTGGTGGATGAGAAAGCCTTAGC
TCAGGCCCTCAAGGAGGGCAGGATACGAGGAGCTGCCCTGGATGTGCACGAGTCTGAGCCCTTCAGCTTC
GCCCAGGGCCATTGAAGGATGCTCAAATCTCATCTGCACACCACACAGCCTGGTACAGTGAACAAG
CATCACTAGAGATGAGGGAAGCAGCAGCCACTGAGATCCGCCGAGCAATCACAGGTCGCATCCAGAAAG
CTTACGAAACTGTGTCAACAAAGAATTCTCGTGACTTCACTCCTTGGTCAAGTATTGACCAGCAAGCA
ATTACCCCGAGCTCAATGGTGCCACATACAGGTATCCACCCGGCATTGTAGGTGTGGTCCAGGAGGGC
TTCCTCCAGCGATGGAAGGGATCATCCCTGGGGGCATCCCGTGACTCACAACCTCCCCACAGTGGCACA
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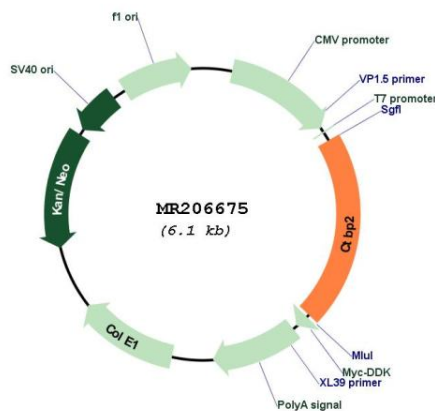
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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:	BC013333.1
RefSeq Size:	1982 bp
RefSeq ORF:	1262 bp
Locus ID:	13017
Cytogenetics:	7 76.32 cM
MW:	72.6 kDa
Gene Summary:	Corepressor targeting diverse transcription regulators. Isoform 2 probably acts as a scaffold for specialized synapses (By similarity). Functions in brown adipose tissue (BAT) differentiation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206675