

Product datasheet for MC218157

Ctbp2 (BC013333) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ctbp2 (BC013333) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Ctbp2
 Synonyms: AA407280; D7Ertd45e; Gtrgeo6; Ribeye
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC013333
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAACGGCCCCCTGCACCCCCGCCCTGGTGGCACTGCTGGATGGCAGAGACTGCACTGTGGAGATGC
 CCATCCTGAAGGACCTGGCCACTGTGGCCTTCTGTGATGCACAGTCCACTCAGGAAATCCATGAGAAGGT
 GTTGAATGAGGCTGTGGGTGCCATGATGTACCACACCATCACCTCACCAGGGAAGACCTGGAGAAGTTC
 AAGGCCCTGAGAGTGATCGTGCGAATCGGTAGTGGCTACGACAACGTGGACATCAAGGCTGCTGGCGAGC
 TCGGGATCGCTGTGTGAACATCCCATCTGCTGCAGTGGAGGAGACAGCAGATTCGACAGTCTGCCACAT
 TCTCAATCTGTATCGGCGGAACACATGGCTCTACCAGGCCCTCCGAGAAGGCACGCGAGTACAGAGTGTG
 GAACAGATCCGTGAGGTGCCTCAGGAGCTGCTCGGATCCGAGGGGAAACACTGGGCCTCATTGGCTTTG
 GTCGCACAGGGCAGGCAGTTGCTGTTGAGCAGCAAGGCCTTTGGATTGAGCGTCATATTTATGACCCCTA
 CTTACAGGATGGGATAGAGCGATCTCTGGGCGTGCAAAGGTCTACACCTGCAGGACTTGCTATATCAG
 AGCGACTGCGTCTCCTTGCACTGCAACCTGAACGAGCACAACCATCACCTCATCAATGACTTCACATCA
 AGCAGATGAGGCAAGGTGCATTCTTGTGAATGCAGCCCGAGGTGGCCTGGTGGATGAGAAAGCCTTAGC
 TCAGGCCCTCAAGGAGGGCAGGATACGAGGAGCTGCCCTGGATGTGCACGAGTCTGAGCCCTTCAGCTTC
 GCCCAGGGCCATTGAAGGATGCTCCTCAATCTCATCTGCACACCACACAGCCTGGTACAGTGAACAAG
 CATCACTAGAGATGAGGGAAGCAGCAGCCACTGAGATCCGCCGAGCAATCACAGTGCATCCCAGAAAAG
 CTTACGAAACTGTGTCAACAAAGAATTCTTCGTGACTTCAGCTCCTTGGTCACTCATTGACCAGCAAGCA
 ATTCACCCGAGCTCAATGGTGCACATACAGGTATCCACCCGGCATTGTAGGTGTGGCTCCAGGAGGGC
 TTCCTCCAGCGATGGAAGGGATCATCCCTGGGGGCATCCCGTGACTCACAACCTCCCACAGTGGCACA
 CCCCTCCAAGCTCCTTCCCCAACCCAGCCACAAAACACGGGGACAATCGAGAGCACCCCAATGAGCAA
 TAG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	BC013333
Insert Size:	1263 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:	<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 , AAH13333
RefSeq Size:	1982 bp
RefSeq ORF:	1262 bp
Locus ID:	13017
Cytogenetics:	7 76.32 cM
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]