

Product datasheet for **MC224788**

Cttnbp2 (NM_080285) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cttnbp2 (NM_080285) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cttnbp2
Synonyms:	3010022N24Rik; 4732477G22Rik; 6430526E05; 9130022E09Rik; AU040881; Cortbp2; mKIAA1758; ORF4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224788 representing NM_080285 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGACGGACAGCGCGAGCTGCGAGCCGACTTGTCCCGACCCCGGGTGACACGGAGGGGGCCACGG
CGGAGGCGCGGAAAAAGGAATTTGATGTGGACAGCTCAGCAAATCAGAGCTGCGGATGCTCCTTAGCGT
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ATCCAGGAACGGTATGGGAGTTAATCTAAATGACCCCTTCTGGCACTTCAGAGAGACTATGAAGCAG
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 GAGTTCAAGAAGCAATATTGTCAAGAGCCTCCATGAACAAACAACCTGGTACTGGGCAGACAGCTTCTAA
 GAAGTACCCTAGCCAAGGACAGCAGGCTGTGGTGGAGGGCCGCTCAGCATTCTGCTTAAATGAAGCGGTT
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 TCCTCGAAAGAAGCCTGGGCACTTCTCCTCACCCAGTGGAAACAAGCCAGACCCGAAGCGTGAAGGTATG
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 GACTTGAGGAAGTTTGTAGTTCAAGAACCAACCTGGGACTTCCAGCACCTTAACTGAGGACACCAG
 TGCCACAGAAGGAAGCCAGTCTCCAGCAGCCGTCAACTGCCGAATGCAGCAACAGTAAATCAAAGAC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_080285
Insert Size:	4947 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:	NM_080285.1 , NP_525024.1
RefSeq Size:	5931 bp
RefSeq ORF:	4947 bp
Locus ID:	30785
UniProt ID:	B9EJA2
Cytogenetics:	6 A2
Gene Summary:	Regulates the dendritic spine distribution of CTTN/cortactin in hippocampal neurons, and thus controls dendritic spinogenesis and dendritic spine maintenance.[UniProtKB/Swiss-Prot Function]