

Product datasheet for **RN217335**

Cep104 (NM_145082) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep104 (NM_145082) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cep104
Synonyms:	GlyBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN217335 representing NM_145082
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCCACAAGATTGGATTGTAGTGGTCAGCTCCTCTGGACATGAAGATGGCTTCAGCGCCCGGGAAC
 TAATGATCCACGCACCAACTGTCACTGGGTGGAGGTACCAAAATCTGCCAGTTTCCACAAGAGATCGT
 TCTGCAGATGGTGGAGCGGTGCAGAATAAGGAAGCTGCAGCTGCTGGCTACCAAGTACATGATCTCCAGC
 AAAGTCGAGTTCTACATCAGTGAGAGCTGCCCGAGTACTTGGTCCATACCAAGCAGAGCGCTTCCGCA
 GACTGGGCTATGTCTCCCTCTGTGACAATGAAAAGACAGGCTGCAAAGCCCGGGAAGTCAAGTCTGTTTA
 TGTGGACGCTGTGGGCGAGTTTCTTAACTCATTTTACCAAAACCACGCCAACAAGTACAACGTATAT
 AATCAGGTGGCTTTGGTTGCAATAAATATCATTGGAGACCCTGCAGATTTGGCGATGAAAGCAATACTA
 CCTGTAGGAGAGAGCTGATCGACCACTACCTGGGCCACAGTCCCCACAATCCTGAGGACCCAGCCCTAGA
 TGGAACTTTTGTGGGAGATCTGATTATATCTCTCCACTCGATGACTTGGCGTTTGACATGTACCAAGAC
 CCTGAAGTCGCCAGATCATCCGCAGGCTGGATGAAAGGAAGCGGGAAGCAGCCAAGAAGGAGCGCTATG
 ACCATGCAAAGAACTGAAGCAAGCCATCGCTGACTTGCAGAAGGTGGTGAGCGCTCGGGCGCTATGA
 GGTGGAGAAGCGCGTGGTGGAGAAGGAAGACTATGACCTGGCCAAGGAGAAGAAACAGCAGATGGCT
 CGCTACCGTGCCAGGTGTACGAGCAGCTGGAGCTACATGGCCTTCTGCAGGGCGAGCCAGAGATGCAGA
 GACCGTTGCGCCCTGCCCTCCAGCCCTTGCACTCTCCAGCAGTCCCCAGCACTGGAAGGCGAGTGCCTC
 ACTCCCTCGCACAGAAGAGCTGGCAGCTGAAGACACATGTGCTGGCCCCATCCTCCAGGAGAAGCCCTTG
 GCATCTTCTCCTCGGCATTGAGCAGTGGATCGGTCCCCACCTGCTGCAGGCCCTGCCCAAGGAGCCATG
 TGAAGCCCTGCCCTATGATGAACGGCCTCTTCTGTCAGTGCAGAGCAGTTGGAGGAACCATCTGCAGA
 GCCAGAGTGAGAGAGGCAGACAGTGTGTCGGAGAGCGGGTGTCTCAGCGGAGCCAGAGCCCTTGACA
 GAGAAGGCTTTGAGAGAAGCCAGCTCTGCCATCGACACCTTAGGCGAAGCCTTGGTGGCTGGGGCTATT
 CTAAGATGTGGTCTGTGAGAAGATGCACTGCTGGCATTGTACAAGAGGCTGATGGAGATGCCTGTTGG
 AACCCAGAAGGGATTTGTGAAAAACATGCTCAGAGCATCTGTCTTCTCATCAGAAGAGCCATAAAGGAC
 ATTGTAACCTCAGTCTTTCAGGCTTCACTGAACTGCTGAAGATGATAATTACACAGTATATTCCCAAGC
 ACAAGCTGGGCAAACTTGACACAACGACTGTGTGGAGAGAGCTATCCCCCTTTTACTTGCCAGAAGTGG
 AGACTCCTCTGCCCGCTCCGTGTGATGGCCTTGAATTTATCCAGGAAATGGCCTTGTTAAGGAGGTG
 AGGTCTCTCCAGCTCATTCCGTCTTACTTGGTGCAGCCGCTGAAGACCAATGCTTCCGTTTATCTGGCAA
 TGAGCCAGGTGGACCTCCTGGCCCGCTGCTGAGAGACCTGGGCACTGAGGGCTCAGGCTTCACCGTGGA
 CAATGTGATGAAGTTTGCACTGAGCGCCCTGGAGCACAGGATATATGAGGTGCGAGAGACAGCAGTCAGA
 ATCATTCTGGACATGTACAGACAGCACCCAGCCCTCACCTGGAGCACCTTCTCCAGACGACAGACCA
 CACGCAGGAACCTTCTCTACAAAGCCATATTTGAGGGGTTTGCTAAGATAGATGGCAGGCCGACCGAGGC
 TGAAGGCAAGACCCAGAAAAGAGTAGTCACAAAAGAGCAGAAAAACAAAAGAAAGAGACGAAGGCT
 CTACAGGGCCTGTCAGCAGACCAAGAGAGACCCAGGCTGGAGTCCAGGAGAAGGAGAATGAGGCTGTGA
 AGCTCAAGAATCAAGACCCTCAAGGAAGGAAAGCTGCCCCACCTGACACTCCAGAAATCCAGATAACCA
 CTATTTGGATAATCTGTGCATCTTTTGTGGGAGAGGAATGAGTCCTTACAGAAGAGGGCCTGGACCTC
 CACTACTGGAACACTGCCTCATGCTGACCAGATGCGACCACTGCAGGCAGGTGGTTGAGATATCCAGCC
 TGAAGTGAACACCTGCTGACAGAGTGTGACAAAAGGACGCGTTTGGGAAGTGCCCCGCTGCACTGAGGC
 TGTCCCCAAGGAGGAGCTTCTAGGCACATCAAACTAAGGAATGCAACCCTGCCAAGTCGGAGAAGGTG
 GCAAACCGCTGTCCCTGTGTCATGAGAACTTTGCTCCTGGAGAAGAGGCATGGAAGGTTTATCTGATGG
 GCTCTGCTGGCTGCACAATGAACCTGCGCAAGACACACATTCTCTGAAGGCTCCAGCCCCGAGCAAGG
 GAAAGGCCCAATGGCGTGAAGTCAGGCACCTCAGCACCAAGGTTGGAAGCAAGATCCCCACCCCAAG
 GGAGGCCTCAGTAAGAGTTCAGCAGGACACACAAGACGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_145082
Insert Size:	2775 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_145082.2, NP_659550.2</u>
RefSeq Size:	4919 bp
RefSeq ORF:	2775 bp
Locus ID:	246295
UniProt ID:	<u>D3Z8X7</u>
Cytogenetics:	5q36
Gene Summary:	protein that binds glycine, glutamate, and thienylcyclohexylpiperidine [RGD, Feb 2006]