

Product datasheet for MC215157

Acp4 (NM_001195034) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Acp4 (NM_001195034) Mouse Untagged Clone
Tag: Tag Free
Symbol: Acp4
Synonyms: Acpt; EG546967; Gm1432
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215157 representing NM_001195034
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGCCCGGTCTCAGGGCCACACCGTCGGACCCTTGCTGCTGCTGCTGTTGCTGTTGCTGCCTC
 GGGCCCTGCCGGAGGGGCCCTGTTATTTGTGGCTCTGGTGTCCGACATGGCGACCGGGCCCACTGGC
 CTCTACCCACAGATCCACACAAGGAAGCTGCCTCCACCTTGTCGCTCGAGGCTTGGCCAAGTACTGACT
 AAGGAGGGGATCCGCCAGCAGCTAGAAGTGGGCGGATTTCTGAGGAGGCGTTACAAGGCTTCTCTGAGCC
 CTGAGTACAAGCGAGAAGAGGTGTACATCCGCAGCACAGACTTTGACCGGACATTGGAGAGTGCACAAGC
 CAACCTGGCTGGGCTCTCCCTGAGGCTGCCCTGGAAGTCTGAGACTGACTGGAAGCCCACTCCAGTG
 CACACAGTGCCTGTGCTGAGGACAAGTTGCTGAGGTTCCCATGCGCAGCTGTCTCGATACCATGAGC
 TGTTACGAGAGTCCACAGAGGCAGCTGACTACCAGGAGGCCCTGGAGGGCTGGACGGACTTCTGACCCG
 CCTGGGCAACTTCACTGGGCTGTCCCTGGTTGGAGAGCCACTCCGGAGAGCATGGAAGTTCTGGATAACC
 TTGATCTGCCAGCGTGCCATGGTCTTGACCTCCATCTGGCCCTCTCCAGATGTCTTGAGGACTCTGT
 CACAGATTTCTGCTCTGGATATCAGGGCCATGTAGGCCACCCGAGCAGCAGAAAAGGCCAGCTGAC
 AGGGGGGATCCTGCTGGATGCTATTCTCAGCAATTTCTCCGGACCCAGCGCCTTGGGTTGCCCTCAAG
 ATGGTCATGTAAGTCACTCATGACAGCACCTGCTGGCCCTCCAGGGGGCCCTGGGCTCTACGATGGGA
 ACACCCACCTTACGCTGCCTGCATGGCCTTTGAATTCGGGGGAGCTCCAGGGAACCCGAGGAGGAAGA
 TGGAGAGAATGCACTGTCTCTCATCTACCGCAATGACACCTCCCGCCACCCCTGCCACTCAGGGTC
 CCTGGGTGCCAGCTCCCTGTCCACTTGGGCGCTTCCAGCAGCTGACTGCTCCAGCCCGGCTCCAGCCC
 ATGGGGCCCTGCCATGGTTCTTATGAGCCTGCCAGCCCCAGCCACGGTCCCTGCTGGCCGGAGC
 TGTGGCTGTGCTGGCCGTGCTAAGCCTGGGCTTGGTCTTCTGGCCTGGAGGCCAGATGCCTGCGGGCC
 CTGGGAGGGACTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001195034
Insert Size:	1278 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_001195034.1 , NP_001181963.1
RefSeq Size:	1278 bp
RefSeq ORF:	1278 bp
Locus ID:	100503991
UniProt ID:	D3YTS9
Cytogenetics:	7 B3
Gene Summary:	May dephosphorylate receptor tyrosine-protein kinase ERBB4 and inhibits its ligand-induced proteolytic cleavage. May play a role in odontogenesis.[UniProtKB/Swiss-Prot Function]