

Product datasheet for **RN203881**

Epb41l4a (NM_001107397) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epb41l4a (NM_001107397) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epb41l4a
Synonyms:	Epb4.1l4a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203881 representing NM_001107397
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGGTCAGGCTCCTTCGAAGCTGAGCTGAATTACTTGAGGACTGCGAAATCCCTGGAGATGTACGGCG
 TTGACCTCCATCCTGTCTATGGAGAAAATAAGTCCGAGTATTTCTTAGGATTGACTCCAGTGGGTGTTGT
 CGTCTATAAGAATAAAAAAGCAAGTGGGGAAGTATTTCTGGCCTCGGATTACCAAGGTGCACCTTCAAGGAA
 ACCCAGTTTGAAGTCAAGTCTTGGGAAAAGACTGTAATGAGACCTCGTTCTTTTTTGAAGCTCGGAGCA
 AAAGTCTTGAAGACACCTCTGGAAATGCAGTGTGGAGCACCATAACATTTTTCAGGATGCCAGAAACAGA
 GTCAAATTCAGTGTCAAGAAAACCTCAGCAAGTTTGGGTCCATAAGTTATAAACACCGATACAGTGGCAGG
 ACAGCTTTGCAATGAGCCGAGATCTTTCCATCCAACCTCCCGGCCCAACCAGAACGTGGTGAGAAAGTC
 GAAGCAAGACTTACCCCAAGAGGGTAGCACAGACGCAGCCCGCTGGATCCAACAGCATCAATCGGATGAC
 TGCAAACCTTGGAAAACGGGGAGAATGAAGGAACCAAGATCATTGCGCCCTCACCAGTAAAAAGTTTT
 AAGAAAGCAAAGAATGAAAACAGTCCTGACCCCAAGAAAGCAAATCTCATGCACCATGGGAAGAAAACG
 GACCCAGAGTGGACTCTACAACCTCCCGAGTGACCGCACTAAGTCACCAAAGTTTCCCTGTACCCGGCA
 GCGCAACCTCTCCTGTGGCAGCGACAATGACTCCTCGCAGCCAATGAGGCGAAGGAAGGCTCACCACAGT
 GGGGAAGACTCGGATCTAAAGCAACGGAGGAGGTACGCTCACGCTGTAACACGAGCAGTGGTAGTGAGT
 CAGAAAATTCTAACAGAGAACACCGGAAGAAGAGAAACAGAATACGACAGGAGAATGACATGGTTGATTC
 AGCGCCTCAGTGGGAAGCCGTGTTAAGGAGACAGAAGGAGAAAAACCAAGTGGATCCTAACACCGGAGA
 TCCAGGCACAGATCTCGCTCGAGAAGTCCTGATATCCAAGCAAAAGAAGAACTGTGGAAGCATATCCAGA
 AGGAGCTTGTGGACCCATCCGGGTGTGTCAGAGGAGCAGTTGAAAGAGATCCCATACACTAAAGTGGAGAC
 TCAGGGTGACCCTGTCCGCATCAGGCATTTCGATTCCCAAGGAGTTACCGGCAGTACCGCAGATCCCAG
 TGCTCAGACGGAGAGCGATCCGTCTCTCGGAAGTGAAGTCAAAGACAGATCTTGTACCACCACTTCCAG
 TCACCCGTTCTCAGATGCTCAGGGGTCTGGAGGCTCTACAGTTCATCAGAGAAGAAACGGGTCTAAAGA
 CAGCCTGATTGAAGAAAAATCTCAGCTTCTACAACCAACCTGGCTGGAAAACATACAGCAAAAACAATA
 AAAACCATCCAGGCTGCTCGGCTCAAGACAGACGTCAGTGGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107397

Insert Size: 1515 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:

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_001107397.2, NP_001100867.1

RefSeq Size: 2048 bp

RefSeq ORF: 1515 bp

Locus ID: 307514

Cytogenetics: 18p12