

Product datasheet for RN203258

Epb41I3 (NM_053927) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epb41I3 (NM_053927) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epb41I3
Synonyms:	Epb4.1I3; Kiaa0987
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203258 representing NM_053927 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAACCGAATCAGGATCAGACTCAGAATCCAAGCCAGACCAGGAGGCTGAGCCCCAGGAGGCAGCAG
GACCTCAGGAGCAAGCAGGGGCACAGGCTGCACCTGAGCCTGCTGGCGAAACGTCGAGGAGCAGCCAGG
ACTAGAGCAGTCCCTGAAGCTGCTGCACACAGCACGCCGGTGAAGAGGGAGGTCAGCGACAAGACCGG
GACTTCGCCGCCGAGCTGCGAAACAGCTTGAGTATCAGCAGTTTGAGGACGATAAGCTCTCTCAGAAGT
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GACGCTTCTGGATGGATCTGAGTACGGCTGTGATGTAGATAAGCGCTCCCGAGGACAAGTGTGTTGAC
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AGAAGAAGTGGTTGGACCCTGCTAAGGAAATAAAAAGCAGATTCGAAGTGGTGTGGCATTTCATT
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CAGCTGCGAGATGATATTGTGTCTGGACGCCTACCCTGTTCTTCGTGACCCTCGCCCTGGGCTCCT
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AGAGGTTGGTACAGGCCAGTACGCCACAACCAAGGTCATCTCTCAGACCAACCTGATCACCAGTGTGACC
CCGGAGAAAAGGCTGAGGAGGAGCACGTGGAGGAAGAGGACAGAAGGAAGAAGGCCGAGGAAGCCACGC



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CCGTCGCAGCCCTCCGGCACGAGGGAAAGTCACCAGGGCATGGCTCTGACTCATGTCCCCTGTCACCTCC
ATCAGCCCATCTTGACCTCCCTCTCCACAGAGCTCCGTAGGAGGTGCAAGGAGAAAGAAAGGGCCTCT
CCAGGTTCTGCTGTGCCTAGAGCAGAGCTGTCTCGGAGTCTGATGCCAGGGGAAGGCCTACCTAGGGG
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TTTGAACAAAAGTCTCATTTTGTAGTCCACTGTGAAGGTAGAAAGCATAAGTGTGGGCAGTGTCTCT
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CGTACGAGTCTTCTCAGGTCGATCCTGGGCAGATCTGGAGCCAGGTGTGCTAATGAGCGCCAAACGAT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_053927
- Insert Size:** 3318 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_053927.1](#), [NP_446379.1](#)

RefSeq Size: 4543 bp

RefSeq ORF: 3318 bp

Locus ID: 116724

Cytogenetics: 9q38

Gene Summary: human homolog acts as a tumor suppressor and binds 14-3-3 proteins [RGD, Feb 2006]