

Product datasheet for RN203198

Ephb2 (NM_001127319) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ephb2 (NM_001127319) Rat Untagged Clone
Tag: Tag Free
Symbol: Ephb2
Synonyms: RGD1564232
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203198 representing NM_001127319
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCGTGCGCAGGCTGGGGCCGCGCTGCTGCTGCTGCCGCTGCTAGCCGCCGTGGAAGAACTGA
 TGGACTCTACTACAGCAACGGCTGAGCTGGGCTGGATGGTACATCCCCATCAGGGTGGGAAGAGGTGAG
 CGGCTACGATGAGAACATGAACACTATCCGTACCTACCAGGTGTGCAATGTCTTTGAGTCAAGCCAGAAC
 AACTGGCTACGGACCAAATTCATCCGGCCCGCGGCGCCACCGCATCCACGTGGAGATGAAGTTCTCGG
 TGGCTGACTGTAGCAGCATTCCCAGCGTGCCCGGCTCCTGCAAGGAGACCTTCAACCTCTACTACTATGA
 GGCTGATTTTACTTAGCCACCAAGACCTTCCCAACTGGATGGAGAATCCGTGGGTGAAGGTGGACACC
 ATTGCGGCTGTAGAGAGCTTTTCCAGGTGGATCTGGGTGGCCGCGTCAAGAAAACAACACTGAGGTGC
 GAAGCTTCGGTCCCGTGTCCCGCAATGGTTTCTACCTGGCCTCCAGGACTACGGCGGCTGTATGCCCT
 CATTGCGGTGCGGCTCTTCTACCGGAAGTGCCCGGAGTCATCCAGAATGGTGCCATCTTCCAGGAGACA
 CTGTGGGGGCTGAGAGCACCTCACTGGTAGCTGCTCGGGCAGCTGCATCGCCAACGCTGAAGAAGTGG
 ATGTACCCATCAAACCTACTGTAAACGGGGACGGCGAATGGCTGGTGGCCATCGGTGCTGATGTGCAA
 GGCGGGTTCGAGGCTGTGGAGAACGGTACCGTCTGCCGAGTTGTCCATCAGGAACCTCAAGGCCAAC
 CAAGGGGATGAAGCCTGTACCCACTGTCCCATCAACAGCCGTACCACCTCCGAGGGTGCCACCAACTGTG
 TGTGCCGTAACGGCTACTACAGGGCTGACCTGGACCCCTTAGACATGCCTTGACAAACCATCCCCTCTGC
 GCCCAGGCTGTGATCTCCAGTGTCAACGAGACGTCCCTCGTGCTAGAGTGGACCCCGCCACGAGACTCG
 GGGGGCCGTGAGGACCTTGTTTAAACATCATCTGCAAGAGCTGTGGCTCAGGCCGGGTGCCTGCACGC
 GCTGTGGAGACAATGTGCAGTACGCACCCCGCAGCTAGGCTGACCGAGCCACGCATCTACATCAGTGA
 CCTGCTGGCACACACAGTACACCTTCGAGATCCAGGCCGTGAATGGTGTACCGACCAGAGTCCCTTC
 TCACCTCAGTTCGCTCTGTGAACATCACCACCAACCAAGCAGCACCGTCCGCGGTGTCCATCATGCACC
 AGGTGAGCCGCACCGTGGACAGCATCACCTGTGTTGGTCCCAGCCAGACCAGCCCAACGGTGTGATCCT
 GGACTATGAACACTACGACTATGAGAAGGAGCTCAGTGAGTACAACGCCAGCCATAAAAAGCCCCACC
 AACACAGTCACTGTGAGGGCCTCAAAGCCGGCACCATCTATGTCTTCCAGGTGCGGGCACGCACCGTGC



CAGGCTATGGGCGTTACAGTGGCAAGATGTACTTCCAAACCATGACAGAAGCCGAGTACCAGACCAGCAT
CAAGGAAAAGCTGCCCTCATCGTCGGCTCCTCCGCTGCCGGCGTAGTCTTCGTCATCGCCGTGGTCGTC
ATTGCCATCGTATGTAACAGACGGGGTTTGAGCGTGCCGACTCAGAGTACACGGACAAGCTGCAGCACT
ACACCAGCGGCCACATGACCCCAGGCATGAAGATCTATATTGACCCTTTCACCTATGAAGATCCTAATGA
GGCAGTGGGGAGTTTGCCAAGGAAATCGACATCTCCTGTGTCAAGATTGAGCAGGTGATTGGAGCAGGG
GAATTTGGTGAGGTCTGCAGTGGCCACTTGAAGCTGCCAGGGAAGAGAGAGATCTTTGTAGCCATCAAGA
CCCTCAAGTCAGGATACACAGAGAAACAGCGCCGGGACTTCTGAGTGAGGCATCCATCATGGGCCAGTT
CGACCACCCCAATGTCATCCACCTGGAAGGGTTGTACCAAGAGCACACCTGTCATGATCATCACTGAA
TTCATGGAGAACGGTTCCCTGGACTCCTTCCCGCAAACAGATGGGCAGTTCACGGTCATCCAAGTGG
TGGCATGCTGAGGGGCATCGCAGCTGGCATGAAGTACCTGGCGGACATGAACTATGTGCACCGGGACCT
TGCTGCACGCAACATCCTTGTCATAGCAACCTGGTGTGCAAGGTGTCTGACTTCGGGCTCTCACGCTTC
CTGGAGGACGACACATCTGACCCCACCTACACCAGCGCTCTGGGTGGAAGATCCCCATCCGTTGGACAG
CACCGGAAGCCATCCAGTACCGGAAATTCACCTCAGCCAGTGATGTGTGGAGCTATGGCATTGTCATGTG
GGAGGTGATGTCCTACGGGGAGCGACCCTACTGGGACATGACCAACCAAGACGTAATCAATGCCATCGAG
CAGGACTACCGGCTACCTCCGCCATGGACTGCCCCAGCGCGCTGCACCAGCTCATGCTGGATTGCTGGC
AGAAGGACCGCAACCACCGGCCAAGTTTCGGCCAGATCGTCAACACGCTGGACAAGATGATCCGAAACCC
CAACAGCCTCAAAGCTATGGCGCCCTGTCTCTGGTATCAACCTGCCACTACTGGACCGCACGATACCC
GACTACACCAGCTTAAACACAGTGGATGAGTGGCTGGAGGCCATCAAGATGGGCCAGTACAAGGAGAGCT
TTACCAACGCCGGCTTACCTCTTTGACGTGCTATCTCAGATGATGATGGAGGACATTCTCCGGTTGG
GGTCACTCTAGCTGGCCACCAGAAAAAATCCTGAACAGTATCCAGGTGATGCGGGCCAGATGAACCAG
ATCCAGTCGGTAGAGGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001127319

Insert Size: 2961 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_001127319.1, NP_001120791.1

RefSeq Size: 2970 bp

RefSeq ORF: 2961 bp

Locus ID: 313633

Cytogenetics: 5q36