

Product datasheet for **RN206853**

Ephb3 (NM_001105868) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ephb3 (NM_001105868) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ephb3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206853 representing NM_001105868 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGAGCCCGCCCGCCGGGGCTTCTGCCGCTGCTCGCTCCGCTGCTGCTGCCGCTGCTGCTGC
CCGCCGGCTGCCGGGCGCTGGAAGAGACTCTCATGGACACGAAATGGGTGACGTCCGAGCTGGCATGGAC
ATCTCATCCAGAGAGTGGGTGGGAAGAAGTGAGCGGCTACGATGAAGCCATGAATCCTATCCGCACGAT
CAGGTGTGTAACGTGCGGAGTCCAGCCAGAACAACCTGGCTGCCGACCGGTTTCATCTGGCGCGGGAAG
TCCAGCGGCTACGTGGAGCTGAAGTTTACCGTGAGAGATTGCAACAGCATCCCCAACATCCCTGGCTC
CTGCAAGGAAACCTTCAACCTTTTTTACTACGAGGCTGATAGCGATGTGGCGTCAGCCTCCTCTCCCTTC
TGGATGGAGAACCCTACGTGAAAGTGGACACCATTGCGCCAGATGAGAGCTTCTCGCGGTAGACGCTG
GGCGGTTAACACCAAAGTGCAGCTTCCGGGCGCTTCCAAAGCCGGCTTCTACTTGGCCTTCCAGGA
CCAGGGTGCCTGCATGTCACTCATCTGTGCGCGCCTTCTACAAGAAGTGTGCATCCACCACTGCAGGC
TTCGCACTTCCCCGAGACCCTCACGGGGCTGAGCCCACTTCGCTGGTATTGCCCTGGCACCTGCA
TCGCTAACGCTGTGGAGGTGTCTGTACCGCTCAAGCTCTACTGCAATGGCGACGGGGAGTGGATGGTGCC
CGTTGGTGCCTGCACCTGCGCTACTGGCCATGAGCCAGCCGCCAAGGAGACCCAGTGCCGCGCTGTCCC
CCTGGGAGCTACAAGGCAAAGCAAGGAGAGGGCCCTGCCTCCCCTGTCCCCCAATAGCCGCACCCT
CGCCGGCTGCCAGCATCTGCACCTGTACAATAATTTCTACCGCGCAGACTCAGACACAGCGGACAGCGC
CTGCACCACGGTGCCGTCTCCCCCGGGGTGTGATCTCCAATGTGAATGAGACCTCGTGATCCTCGAG
TGGAGTGAGCCCCGGGACCTTGGCGGACGAGATGACCTCCTTTATAATGTTATCTGTAAGAAGTGGCGTG
GCAGCTCTGGGCTGGAGGTCCGGCGACCTGTTACGCTGTGATGACAACGTGGAGTTCGAGCCCCGACA
GCTGGGCTGACCGAGCGCCGGTCCACATCAGCCACCTGTTGGCCACACCCGCTACACCTTTGAGGTG
CAGGCTGTCAACGGCGTCTCTGGCAAAGCCCTTTGCCCGCCGCTATGCAGCTGTAATATCACCA
ACCAGGCCGCCCATCAGAAGTGCTACGCTCCACTTGACAGCAGTTTACGGGAGCAGCCTGACCCGTGC
CTGGGACCCCCGGAGCGCCTAACGGAGTCATCTTGGACTATGAGATGAAGTACTTTGAGAAGAGTAAA
GGCATCGCCTCCACTGTACCGAGCAGAAGAACCTGTACAACCTGGACGACTGCAGCCCCGACCCCGCT
ATGTAGTTCAGGTCCGGGCTCGCACAGTAGCAGGTTACGGACAGTATAGCCGCCAGCTGAGTTTGGAG



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CACGAGTGAAAGAGGCTCAGGGGCCAGCAGCTTCAAGAGCAGCTTCCCCTAATTGTGGGATCCACCGTA
 GCTGGCTTTGCTTCATGGTGGTCGTCGTGGTCATTGCTCTTGTCTGCCTCAGGAAGCAGCGCCAGGGCC
 CTGATGCAGAATACACGGAGAAGTTGCAGCAATACGTTGCCCCAGGATGAAAGTTTACATTGACCCCTT
 TACCTACGAGGATCCCAATGAGGCCGTCGAGAGTTCCGCAAGGAGATCGATGTGTCTCGCTCAAGATC
 GAGGAGGTGATTGGAGCTGGGGAGTTTGGGAAGTGTGCCGGGTTCGGCTGAAACTGCCCGCCCGGGG
 AGGTGTTTCGTGGCCATCAAGACTGAAGTGGGATACACGGAGAGGCAGCGCGGGACTTCCTGAGTGA
 GGCTTCCATCATGGGTCAATTTGACCATCCAAATAAATCCGCTAGAGGGCGTGGTCACCAAAAGTCGT
 CCAGTCATGATCCTCACTGAGTTTCATGGAGAAGTGTGCCCTGGACTCCTTCTACGGCTCAATGACGGC
 AGTTCACAGTCATCCAGCTTGTGGGCATGTTGCGTGGCATTGCTGCCGGCATGAAGTACTTGTCTGAGAT
 GAACTACGTGCACCGTGACCTCGCTGCCGCAACATCCTTGTCAACAGTAACTTGGTCTGCAAAGTATCT
 GACTTTGGGCTCTCCGCTTCTGGAGGACACCCCTCAGACCCACCTACACCAGCTCCCTGGGTGGGA
 AGATCCCTATCCGTTGGACCGCCAGAGGCCATAGCCTATCGGAAGTTCACGTCTGCCAGCGATGTCTG
 GAGCTACGGGATCGTCATGTGGGAGTTCATGAGCTACGGAGAGCGACCATACTGGGACATGAGCAACCAG
 GATGTCATCAATGCCGTAGAGCAAGACTATCGGTTACCACCCCATGGACTGCCCCACGGCGCTGCACC
 AGCTCATGCTGGACTGTTGGGTGCGGGACCGAACCTCAGGCCAAAGTTCTCCAAATCGTCAACACGCT
 AGACAAGCTTATCCGCAATGCTGCCAGCCTCAAGGTCATCGCCAGTGCCCATCTGGCATGTCCCAGCCC
 CTCTAGACCGCACGGTCCCAGATTATACGACCTTACAGCAGGTGGGCGACTGGCTAGATGCCATCAAGA
 TGGGGAGGTATAAAGAGAGCTTCGTCGCTGCGGGTTTTGCCTCCTTTGACCTGGTGGCCAGATGACTGC
 AGAAGATCTGCTAAGGATCGGGTCACTTTGGCCGGCCACCAGAAGAAGATCCTCAGCAGTATCCAGGAC
 ATGCGGCTGCAGATGAACCAGACTGCCCGTGCAGGAAGTGTGCCCCAAACCTTTCATATTGAAGATG
 GATTAGAAGAGGGGTGATATCCCCTCCCAGATGCCTCAGGGCCAGGCCTGCCTGCTCCTCAGTCGGG
 GATCTTCACTCAACTCAGATTTGGTTGTGCTTCAGTAGTGGAGTCTGGTAGGGTTCGGGTGGGGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105868
- Insert Size:** 3147 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_001105868.1](#), [NP_001099338.1](#)
- RefSeq Size:** 4009 bp
- RefSeq ORF:** 3147 bp

Locus ID: 287989

Cytogenetics: 11q23