

## Product datasheet for **MC206016**

### **Ephb6 (NM\_007680) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ephb6 (NM_007680) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ephb6
Synonyms:	Cekl; Mep
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

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>BC031924
ATAACTCTACCAGACAAGAAGGCAAGCCTGGCTGTAGACACCAGGTCTTCTGAAAGCCATAGCAGTGCC
TCAGAACAGGGCAGTGGCCGAGGCAATGGTGGGAGTGCCGAAGAGACCGCATGGCTACTGAGGGCACGAC
TGGCTCAGGGAGCAGAGTGGTGGCGGCATGGTGTGCAGTCTGTGGCTCCTGGTTCTAGGGTCATCAGTT
CTAGCTCTGGAAGAGGTGCTGCTGGATACCACAGGAGAGACCTCTGAGATTGGCTGGCTCACCTACCCGC
CAGGTGGTGGGATGAGGTGAGTGTCTAGATGACCAGCGCCGTGACTCGGACCTTCGAAGCATGCCA
CGTTGCAGGGCTCCCTCCTGGTTCTGGCAGGACAATTGGCTGCAGACACACTTTGTGGAACGGCGAGGG
GCCAGAGGGGCACACATCCGCCCTTCACTTCTGTACGACCTGTCCAGCCTGGGTGTGAGTGGGGTA
CCTGCCGAGAGACCTTACCCTTTACTACCGCAGGCTGATGAGCCAGACGGCCCCGACAGTATTGCGGC
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TCTTCTCATGGGCTGTGGGACCCACAGGACCGGTGAGCGGGTGGGACTGCAGTGAATGTCAAAGAGC
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CAGGCAGAAGATGAATCCCACTCCTTACCATGACCAGTGAACCAACTGCCACTGTGACACGGTTGA
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GGTTCCATCCTGGGGCCTTGGCCTTCTTCTACTGGCAGCCATCACTGTACTGGCTGTCATCTTCCAGC
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TTACATTGACCTTCTACATACGATGACCCTGCCAGGCCATCAGAGAGCTTGTCTGAGAGGTTGACCT
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TTCCGGCTGCCCCACCTCCAGGTTGCCCCCTGGACTACATCTACTGATGCTAGACACTTGGCAGAAGG
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TCTCCAGGCTGAAGGGGCTCCGGGGACAGGCTTCCAGGCTTCTTGAACCCTGTGGCCTTGGACTTC
CCTTGCCTGGACTCTCCCAGGCTGGCTTTCAGCCATTGGACTAGAGTGTACCAGGACAACCTTCTCCA
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CCTAGCTGGCCACCAGAAGAACTTCTGCACAACATTCAGCTCCTCCAGCAGCACCTGAGGCAGCCAGGC
TCAGTGAAGTGTAAAGCCTGCTCAGGAGTCTGTGAGCCCGGATGCCCAACCCAGTCTGGCCATAGG
GTGGAGAAGGGGCGTGTGAGACTGAGTCAAGGCTTACTCCAGCTTCCATGCCTGTACATTAACCAGC
CCTCTGGACATTGCACCCCAAATCCTGCTTCTCAACAGCCTCCCCATATAAAGGGAAGGAAGGGAAT TTA
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**Restriction Sites:**

RsrII-NotI

<b>ACCN:</b>	NM_007680
<b>Insert Size:</b>	3045 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC031924</a> , <a href="#">AAH31924</a>
<b>RefSeq Size:</b>	3376 bp
<b>RefSeq ORF:</b>	3045 bp
<b>Locus ID:</b>	13848
<b>UniProt ID:</b>	<a href="#">O08644</a>
<b>Cytogenetics:</b>	6 B2.1
<b>Gene Summary:</b>	<p>Kinase-defective receptor for members of the ephrin-B family. Binds to ephrin-B1 and ephrin-B2. Modulates cell adhesion and migration by exerting both positive and negative effects upon stimulation with ephrin-B2. Inhibits JNK activation, T-cell receptor-induced IL-2 secretion and CD25 expression upon stimulation with ephrin-B2 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.</p>