

## Product datasheet for MR226856

### Ephb6 (NM\_007680) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ephb6 (NM\_007680) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ephb6  
**Synonyms:** Cekl; Mep  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR226856 representing NM\_007680  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTACTGAGGGCAGCACTGGCTCAGGGAGCAGAGTGGTGGCGGGCATGGTGTGCAGTCTGTGGCTCC  
 TGGTTCTAGGGTCATCAGTTCTAGCTCTGGAAGAGGTGCTGTGGATACACAGGAGAGACCTCTGAGAT  
 TGGCTGGCTCACCTACCCGCCAGGTGGTGGGATGAGGTGAGTGTCTAGATGACCAGCGCCGTCTGACT  
 CGGACCTCGAAGCATGCCAGTTGCAGGGCTCCCTCCTGGTTCTGGCCAGGACAATTGGCTGCAGACAC  
 ACTTTGTGGAACGCGAGGGGCCAGAGGGCACACATCCGCCTTCACTTCTCTGTACGAGCTGTTCCAG  
 CCTGGGTGTGAGTGGGGTACCTGCCGAGAGACCTTACCCTTTACTACCGGCAGGCTGATGAGCCAGAC  
 GGCCCCGACAGTATTGCGGCCTGGCACCTCAAACGCTGGACCAAAGTGGACACAATTGCCGAGATGAGA  
 GCTTCCCTGCCTCCTCTTCTCTTCTCATGGGCTGTGGGACCCACAGGACCGGTGAGCGGGTGGGACT  
 GCAGCTGAATGTCAAAGAGCGCAGCTTTGGTCTCTCACTCAGCGTGGCTTCTATGTGGCCTTCCAGGAC  
 ACAGGGGCTGCCTGGCCCTTGTGGCAGTCAAGCTTCTCTACACCTGTCCCTCCGTCTGCGTGCT  
 TTGCCTCTTTTCTGAGACACAGGCCAGTGGAGCTGGAGGGGCTCCTTAGTGGCAGCTGTGGGCACCTG  
 TGTAGCTCATGCAGAACCAGAGGAGGATGGAGTAGGAGGCCAGGCAGGGGGCAGCCCCCAAGGTTACAC  
 TGTAAATGGCGAAGGCAGGTGGATGGTAGCTGTGGGAGGCTGCCGCTGCCAGCTGGACACCAGCCTGCTC  
 GTGGAGACAAGCTCTGCCAAGCCTGCCCTGAGGGATCCTATAAGGCCCTGGCTGGGAATGTTCCCTGTTT  
 ACCGTGTCCAGCCCGCAGCCACTCCCCTGACCCTGCAGCCCCAGTTTGCCCATGTCTCCAAGCTTCTAC  
 AGGGCCAGTTCGGACCCACCAGAGGCTCCCTGCACTGGTCTCCATCGGCTCCCCGGGAGCTATGGTTTG  
 AGGTGCAAGGCTCGGCACTCATGCTGCACTGGCGTCTGCCTCAGGAGCTGGGTGGACGAGGGGATCTGCT  
 CTTCAATGTTGTGCAAGGAGTGTGGAGGTACGGAGAGCCAGCAGTGGGGGATGTGTCCGCGTGC  
 AGGGACGAGGTGCATTTGACCCCCGCCAGAGGGGACTGACTGAGAGTCGAGTGTAGTTGGGGGCTCC  
 GAGCACACGTGCCATACATCTTGAAGTGCAGGCTGTCAATGGGGTGTCTGAGCTCAGCCCTGACCTCC  
 CCAGGCAGCAGCCATCAATGTCAGCACCAGCCACGAAGTCCCTTCTGCAGTCCCTGTGATGCACCAGGTG



[View online >](#)

AGCCGGGCGACCAACAGCATCACAGTATCCTGGCCACAGCCTGAGCAAACAAATGGGAACATCCTCGACT  
 ACCAGTGCCTACTATGACCAGGCAGAAGATGAATCCCCTCCTTACCAGTACAGGACCAACAC  
 TGCCACTGTGACACGGTTGAGCCCTGGCCACATCTATGGCTTCCAGGTGCGGGCACGGACTGCAGCTGGC  
 CACGGCCCTATGGGGGCAAAGTCTATTTTCAGACATTGCCTCAAGGTGAGCTGTCTCCAGCTTCCAG  
 AGAAGTGTCTTGGTGATTGGTTCCATCCTGGGGCCTTGGCCTTCTTCTACTGGCAGCCATCACTGT  
 ACTGGCTGTATCTTCCAGCGGAAGCGCGTGGGACCGGCTACACAGAACAATGCAACAATACAGCAGC  
 CCAGGACTTGGAGTGAAGTATTACATTGACCTTCTACATACGATGACCCCTGCCAGCCATCAGAGAGC  
 TTGCTCGAGAGGTTGACCCTACATATCAAGATTGAAGAAGTCAATGGGGCAGGTTCTTTGGAGAAGT  
 GCGTGGGGCCGACTGCAACCCCGGGAAGGAGGAACAAGCTGTGGCTATCCAGGCCTTGTGGGAGGG  
 GGTGCTGAGAGCCTGAAGATGACCTTCTGGTGGGCGAGCAGTCTGGGCCAGTCCAGCACCCCAATA  
 TCCTGCGGCTGGAAGGTGTAGTCACTAAGAGTGGCCTGTGATGGTGTGACAGAAGTCTGGAAGTGG  
 TCCCTGGACAGCTTCTTAGGCAGCGAGAGGGCCAGTTCAGTAGCCTGCAGCTGGTGGCCATGCAGCGG  
 GGTGTGGTGTGCCATGCAGTACTTGTCCAGCTTGCCTTGTTCACCGAGCACTCTCGGCCGAAGT  
 TGCTAGTAATAGCCACCTGGTGTGAAGGTGGCAGTCTCGGCCACAGTCTCAGGTTCAAGTTCCTT  
 GCTTCGCTGGGCAGCCCCAGAGGTCATTACACATGGAAGTATACAACATCTAGCGATGTCTGGAGCTTT  
 GGCATACTCATGTGGGAAGTGATGAGCTATGGAGAACGGCCCTACTGGGACATGAACGAGCAGGAGGTAC  
 TAAATGCAATAGAGCAAGAGTCCGGCTGCCCCACCTCCAGGTTGCCCCCTGGACTACATCTACTGAT  
 GCTAGACACTTGGCAGAAGGACCGTGCCTCGGCCTCATTTTGACCAGCTGGTAGCTGCATTTGACAAG  
 ATGATTCGCAAGCCTGATACTCTCCAGGCTGAAGGGGGCTCCGGGGACAGGCCTTCCAGGCTCTTCTGA  
 ACCCTGTGGCCTTGGACTTCCCTTGCCTGGACTCTCCCGAGCCTGGCTTTCAGCCATTGGACTAGAGTG  
 CTACCAGGACAATTCTCAAGTTTGGTCTTCCACCTCAGTGATGTGGCTCAGCTCAGCCTGGAAGAC  
 CTGCCAGGCTGGGCATCACCTAGCTGGCCACCAGAAGAACTTCTGCACAACATTCAGCTCCTCCAGC  
 AGCACCTGAGGCAGCCAGGCTCAGTGAAGTG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR226856 representing NM\_007680  
 Red=Cloning site Green=Tags(s)

MATEGTTGSGSRVAVGMVCSLWLLVLGSSVLALAEVLLDITGETSEIGWLTYPGGWDEVSVLDDQRRLLT  
 RTFEACHVAGLPPGSGQDNWLQTHFVERGAQRAHIRLHFSVRACSSLVSGGTCREFTLYYRQADEPD  
 GPDSIAAWHLKRWTQVDTIAADESFPASSSSSSWAVGPHRTGQRVGLQLNVKERSFGPLTQRGFYVAFQD  
 TGACLALVAVKLFSYTCPSVLRFAFSPETQASGAGGASLVAAVGTVAHAPEEDGVGGQAGGSPRLH  
 CNGEGRWMVAVGGCRCQPGHQPARGDKLCQACPEGSYKALAGNVPCSPPARSHSPDPAAPVCPCLQGFY  
 RASSDPPEAPCTGPPSAPRELWFEVQGSALMLHWRLPQELGGRGDLLFNVVCKECCGGHGEPSSGGMCRR  
 RDEVHFDPRQRGLTESRVLVGLRAHVPYILEVQAVNGVSELSPPPPQAAAINVSTSHEVPSAVPVMHQV  
 SRAANSITVSWPQPEQTNGNILDYQLRYDQAEDESHSF TMTSETNTATVTRLSPGHIYGFQVRARTAAG  
 HGPYGGKVFYFQTLQPGELSSQLPEKLSLVIGSILGALAFLLAAITVLAVIFQRKRRGTGYTEQLQQYSS  
 PGLGVKYYIDPSTYDDPCQAIRELAREVDPTYIKIEEVIAGSFGVRRGRLQPRGRREQAVAIQALWAG  
 GAESLKMFTLGRAALLGQFQHPNLRLEGVVTKSRPVMVLTELMELGPLDSFLRQREGQFSSLQLVAMQR  
 GVAAAMQYLSSFVHRAL SARSVLVNSHLVCKVARLGHSPQGSSLLRWAPEVITHGKYTTSSDVWSF  
 GILMWEVMSYGERPYWDMNEQEVLENAIEQEFRLPPPQCGPGLHLLMLDTWQKDRARRPHFDQLVAADF  
 MIRKPDTLQAEGGSGDRPSQALLNPVALDFPCLDSPQAWLSAIGLECYQDNFSKFGLSDFSDVAQLSLED  
 LPGLGITLAGHQKLLHNIQLLQHLRQPGSVEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9031\\_a09.zip](https://cdn.origene.com/chromatograms/mm9031_a09.zip)

**Restriction Sites:**

Sgfl-MluI



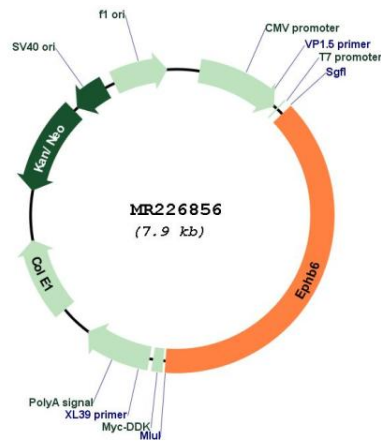
UniProt ID: [O08644](#)

Cytogenetics: 6 B2.1

MW: 110.6 kDa

Gene Summary: 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]

**Product images:**



Circular map for MR226856