

Product datasheet for **SC216341**

Eph receptor B2 (EPHB2) (NM_004442) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Eph receptor B2 (EPHB2) (NM_004442) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EPHB2
Synonyms:	BDPLT22; CAPB; DRT; EK5; EPHT3; ERK; Hek5; PCBC; Tyro5
ACCN:	NM_004442
Insert Size:	2000 bp



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Insert Sequence: >SC216341 3'UTR clone of NM_004442
 The sequence shown below is from the reference sequence of NM_004442. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATGAACCAGATTCAGTCTGTGGAGGTTTGACATTACCTGCCTCGGCTCACCTCTTCTCCAAGCCCG
CCCCCTCTGCCACGTGCCGGCCCTCCTGGTGTCTATCCACTGCAGGGCCAGCCACTGCCAGGAGG
CCACGGGCCACGGGAAGAACCAAGCGGTGCCAGCCACGAGACGTACCAAGAAAACATGCAACTCAAAC
GACGGAAAAAAGGGAAATGGGAAAAAGAAAACAGATCCTGGGAGGGGGCGGAAATACAAGGAATA
TTTTTAAAGAGGATTCTATAAGGAAAGCAATGACTGTTCTTGCAGGGGATAAAAAAGGGCTTGGGAG
ATTCATGCGATGTGTCCAATCGGAGACAAAAGCAGTTTCTCTCCAACCTCCTGGGAAGGTGACCTGG
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CACCCTGAGAACCCTCTGGGAAATCTATTCTGCCACCACTGGGCAACAGAAAGAAATTTTCTGTCT
TTGGAGAGTATTTAGAACTCCAATGAAAGACACTGTTTCTCCTGTTGGCTCACAGGGGTGAAAGGGG
CTTTTGTCTCCTGGGTGAGGAGAACGCGGGGACCCAGAAAGGTGAGCCTTCTGAGGATGGGCAAC
CCCCAGTCTGCAGCTCCAGGTACATATCACGCGCACAGCCTGGCAGCCTGGCCCTCCTGGTGCCACT
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GGATCATTCACTGTGATACCCTGCCCTCCAGGGTGCCTCAGAGACACGGGCAAGCATGCCTCTTCC
CTTCCCTGGAGAGAAAGTGTGTATTTCTCTCCACCTCCTTCCCCCACCAGACCTTTGCTGGGCTA
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TGTTCTCTGTAAGTTCCAAGGGAGACCTTGGTACCCTTGGGATGCACGTGACCCAGGTGTAAGGGTTG
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ACAGCTCCACGTGGCCTTTCTGGCCCTGGCTTGTCAAAGCACAGGCAACAAAGGAAGTGAAGTTGGAA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_004442.7](#)

Summary: This gene encodes a member of the Eph receptor family of receptor tyrosine kinase transmembrane glycoproteins. These receptors are composed of an N-terminal glycosylated ligand-binding domain, a transmembrane region and an intracellular kinase domain. They bind ligands called ephrins and are involved in diverse cellular processes including motility, division, and differentiation. A distinguishing characteristic of Eph-ephrin signaling is that both receptors and ligands are competent to transduce a signaling cascade, resulting in bidirectional signaling. This protein belongs to a subgroup of the Eph receptors called EphB. Proteins of this subgroup are distinguished from other members of the family by sequence homology and preferential binding affinity for membrane-bound ephrin-B ligands. Allelic variants are associated with prostate and brain cancer susceptibility. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2015]

Locus ID: 2048

MW: 73.4