

Product datasheet for **SC214149**

Eph receptor B1 (EPHB1) (NM_004441) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Eph receptor B1 (EPHB1) (NM_004441) Human 3' UTR Clone
Symbol:	Eph receptor B1
Synonyms:	ELK; EPHT2; Hek6; NET
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004441
Insert Size:	1377 bp



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Insert Sequence: >SC214149 3'UTR clone of NM_004441
 The sequence shown below is from the reference sequence of NM_004441. 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
ATAAGTCAGTCACCAACGGCAATGGCATGAGAACTCTTGTCTTGGGGAAGGAGAGGGGAAAAGGA
CCAGGGTCAAGGGGGACCAGAGGTTGACCACTGTGGAATGTAAGGAGACTGGCTTCTCAGCTGAGG
AATGCATTTCCATCAGTGAAGAATCAACCGGACCTGTTGCTAGCAGGCAATCTCCATTTCTCAGTGACA
GAAGCATGTTTGAGATGCCGTGGGAAACCAATATATAATAATAAAAAATATAAAAAGGTGATGTTCAAC
AGAAGTGAAGACAAAACAATATGCATCAGGAGAACAAGAGTAAACCCAGCTCCCATTCTCAGTGGGCTG
CAGTTGCCAACACAGGAAGAAAGGGAAGGAGGTAGAGGGAAGAAACAGAAGCAGTGTCCATTTTCT
TCCTCACCAATGACATTCTTTCTTTCTCCTTCGTAAGTCTCCTCCTGAGAGTCCCCTCCCTTCTCCCA
CACTCGTTTCCCTTTGCTCATGACTCCTGTAGGGAAGTTTCTTCAAACAAAACCCAGCTCCTGAGTCTC
CAGATGTTGTTCTGTGAGTTGCCAAAGGACTTTGCTGACCACTGCATGGGGATCCAACCAATTCAATTA
ATGCTTTCATATTGAAGAAGAGATGTACCTTCAATTGAAAACCTCGTTTTCTTTGTTTGCATTTTCT
GCAAAAAGGAAAAAGAAACCACAAATTGGGGAAAAAAAAGAAAGAAAACCTGTTTCCGTGTGCAAAAG
CACACATATGTATGTCTGTGTTATAAAATGACTGTGCTTGTTCGTAACAGATGCAAAACAAGAAAGA
ACTGGGAAGTCTTTGTCCTAGGAAATCCAAAGGGGCTGGAATATGGTGTGGTTTGGCTTTCTGGTTG
GCCCAATCGGCCATTGGCTCAATGGGAAGAGAGGAGAGGGAGAAAAATAAAATGAAAGGAAAAAAA
AGTTTGCAAATTCAGACAGGAAACAGGTGAGTGGTTTGAATTGGATGCAGTGTGGCCATCTGGAATG
ATACTGACTGATTAATTATTCCTGATAACATCTCAAGAAAAGGAGAAGGAAAGTGTTCGGAGAATGT
TCTTTCACATCACTGGAATCTGCAATTCAGAAGTGACAAGGGAGAATTCTTGCTTTACCTATGGACTG
GCTTAAGCCGTGTGGCATCCGAGGAATGTTCAAATGTGTCTGTGTTTCTTTTACATTCCTTGTGTA
CCTCATTTGTTCAATTCATTTTGTAAATCCACCTAACATTTAATTATTTTAAATTTCTCCTTTTACCT
TAATCTCCTTGCTAATTTTATCTGTCTAATTAAGAGCAGAAGCATGTCTGGGTTTACGTAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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_004441.5](#)

Summary:

Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene is a receptor for ephrin-B family members. [provided by RefSeq, Jul 2008]

Locus ID:

2047

MW:

52.3