

## Product datasheet for **SC211054**

### Eph receptor B4 (EPHB4) (NM\_004444) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Eph receptor B4 (EPHB4) (NM\_004444) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** EPHB4  
**Synonyms:** CMAVM2; HFASD; HTK; LMPHM7; MYK1; TYRO11  
**ACCN:** NM\_004444  
**Insert Size:** 926 bp  
**Insert Sequence:** >SC211054 3'UTR clone of NM\_004444  
 The sequence shown below is from the reference sequence of NM\_004444. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGACAGGAGGACCGGCCCGCAGTACTGACCTGCAGGAACCTCCCACCCAGGGACACCGCCTCCCCA
TTTTCCGGGGCAGAGTGGGGACTCACAGAGGCCCCAGCCCTGTGCCCGCTGGATTGCACTTTGAGCC
CGTGGGGTGAGGAGTTGGCAATTTGGAGAGACAGGATTTGGGGTTCTGCCATAATAGGAGGGGAAAAT
CACCCCCAGCCACCTCGGGAACTCCAGACCAAGGGTGAGGGCGCCTTTCCCTCAGGACTGGGTGTGA
CCAGAGGAAAAGGAAGTGCCCAACATCTCCAGCCTCCCAGGTGCCCCCTCACCTTGATGGGTGCGT
TCCCGCAGACCAAGAGAGTGTGACTCCCTTGCCAGCTCCAGAGTGGGGGGCTGTCCCAGGGGGCAAG
AAGGGGTGTGAGGGCCAGTGACAAAATCATTGGGGTTTGTAGTCCCAACTTGCTGCTGTACCACCAA
ACTCAATCATTTTTTTCCCTTGAAATGCCCTCCCCAGCTGCTGCCTTCATATTGAAGGTTTTTGAG
TTTTGTTTTTGGTCTTAATTTTTCTCCCGTTCCTTTTTGTTTCTTCTGTTTTGTTTTCTACCGTCTT
TGTCATAACTTTGTGTTGGAGGGAACCTGTTTCACTATGGCCTCCTTTGCCCAAGTTGAAACAGGGGCC
CATCATCATGTCTGTTTCCAGAACAGTGCCTTGGTCATCCACATCCCGGACCCCGCCTGGGACCCCC
AAGCTGTGTCTTGAAGGGGTGTGGGGTGAAGTGTGAAAAGGGCGGTAGTTGGTGGTGAACCCAGA
AACGGACGCCGTGCTTGGAGGGTTCTTAAATTATATTTAAAAAAGTAACCTTTTGTATAAATAAAG
AAAATGGGACGTGTCCAGCTCCAGGGT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_004444.5</a>
<b>Summary:</b>	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 binds to ephrin-B2 and plays an essential role in vascular development. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	2050
<b>MW:</b>	33.7