

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
Symbol:	Eph receptor B4
Synonyms:	CMAVM2; HFASD; HTK; LMPHM7; MYK1; TYRO11
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004444
Insert Size:	926 bp
Insert Sequence:	<p>>SC211054 3'UTR clone of NM_004444</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GGGACAGGAGGACCGCCCCGAGTACTGACCTGCAGGAACCTCCCCACCCAGGGACACCGCTCCCCA
TTTTCCGGGGCAGAGTGGGACTCACAGAGGCCCCAGCCCTGTCCCCGCTGGATTGCACTTTGAGCC
CGTGGGGTGAGGAGTTGGCAATTTGGAGAGACAGGATTTGGGGTTCTGCCATAATAGGAGGGGAAAT
CACCCCCAGCCACCTCGGGGAACCTCCAGACCAAGGGTGAGGGCGCCTTTCCCTCAGGACTGGGTGTGA
CCAGAGGAAAAGGAAGTGCCCAACATCTCCAGCCTCCCAGGTGCCCCCTCACCTTGATGGGTGCGT
TCCCGCAGACCAAGAGAGTGTGACTCCCTTGCCAGCTCCAGAGTGGGGGGGCTGTCCCAGGGGGCAAG
AAGGGGTGTGAGGGCCAGTGACAAAATCATTGGGGTTTGTAGTCCCAACTTGCTGCTGTCAACACCA
ACTCAATCATTTTTTTCCTTGTAAATGCCCTCCCCAGCTGCTGCCTTCATATTGAAGTTTTTGAG
TTTTGTTTTTGGTCTTAATTTTCTCCCGTTCCTTTTTGTTTCTTCTGTTTTGTTTTTACCGTCCT
TGTCATAACTTTGTGTTGGAGGGAACCTGTTTCACTATGGCCTCCTTTGCCCAAGTTGAAACAGGGGCC
CATCATCATGTCTGTTTCCAGAACAGTGCCTTGGTCATCCACATCCCCGACCCCGCTGGGACCCCC
AAGCTGTGTCCTATGAAGGGGTGTGGGTGAGGTAGTGAAGGGCGGTAGTTGGTGGTGAACCCAGA
AACGGACGCCGTGCTTGAGGGGTCTTAAATTATATTTAAAAAGTAACCTTTTGTATAAATAAAG
AAAATGGGACGTGTCCAGCTCCAGGGT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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_004444.5
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 binds to ephrin-B2 and plays an essential role in vascular development. [provided by RefSeq, Jul 2008]
Locus ID:	2050
MW:	33.7