

Product datasheet for **SC210002**

Eph receptor B3 (EPHB3) (NM_004443) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | Eph receptor B3 (EPHB3) (NM_004443) Human 3' UTR Clone |
| Symbol: | Eph receptor B3 |
| Synonyms: | EK2; ETK2; HEK2; TYRO6 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_004443 |
| Insert Size: | 816 bp |
| Insert Sequence: | >SC210002 3'UTR clone of NM_004443 The sequence shown below is from the reference sequence of NM_004443. 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
ATGAACCAGACGCTGCCTGTGCAGGTCTGACACCGGCTCCCACGGGGACCCTGAGGACCGTGCAGGGAT
GCCAAGCAGCCGGCTGGACTTTTCGGACTTTGGACTTTTGGATGCCTGGCCTTAGGCTGTGGCCAGAA
GCTGGAAGTTTGGAAAGGCCAAGCTGGGACTTCTCCAGGCCTGTGTTCCCTCCCAGGAAGTGCGCC
CCAAACCTCTTCATATTGAAGATGGATTAGGAGAGGGGTGATGACCCCTCCCCAAGCCCTCAGGGCC
CAGACCTTCTGTCTCCAGCAGGGGATCCCCACAACCTCACACTTGTCTGTTCTTCAGTGTGGAGGT
CCTGGCAGGGTCAAGGCTGGGGTAAGCCGGGGTTCACAGGGCCAGCCCTGGCAGGGTCTGGCCCCC
AGGTAGGCGGAGAGCAGTCCCTCCCTCAGGAAGTGGAGGAGGGGACTCCAGGAATGGGGAATGTGACA
CCACCATCCTGAAGCCAGCTTGCACCTCCAGTTTGCACAGGGATTTGTTCTGGGGCTGAGGGCCCTGT
CCCCACCCCGCCCTTGGTGTGTGCATAAAAGGCAGGCAGGGGCAGGCTGAGGAGTTGCCCTTTGCC
CCCAGAGACTGACTCTCAGAGCCAGAGATGGGATGTGTGAGTGTGTGTGTGTGTGTGTGTGTGTGCGCG
CGCGCGCGCGTGTGTGTGTGCACGCACTGGCCTGCACAGAGAGCATGGGTGAGCGTGTAAAAGCTTGGC
CCTGTGCCCTACAATGGGGCCAGCTGGGCCGACAGCAGAATAAAGGCAATAAGATGA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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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: | <u>NM_004443.4</u> |
| 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 two 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. This gene encodes a receptor for ephrin-B family members. [provided by RefSeq, Mar 2010] |
| Locus ID: | 2049 |
| MW: | 28.9 |