

## Specifications:

Gene:	mEphb1
Accession:	NP_775623
Insert size:	2968bp
Concentration:	10µg at 0.2µg/µL

## mEphB1 cDNA Plasmid

### Ephb1 Eph receptor B1 [ *Mus musculus* (house mouse) ]

**Also known as:** Elk; Net; Cek6; Elkh; Hek6

#### Summary:

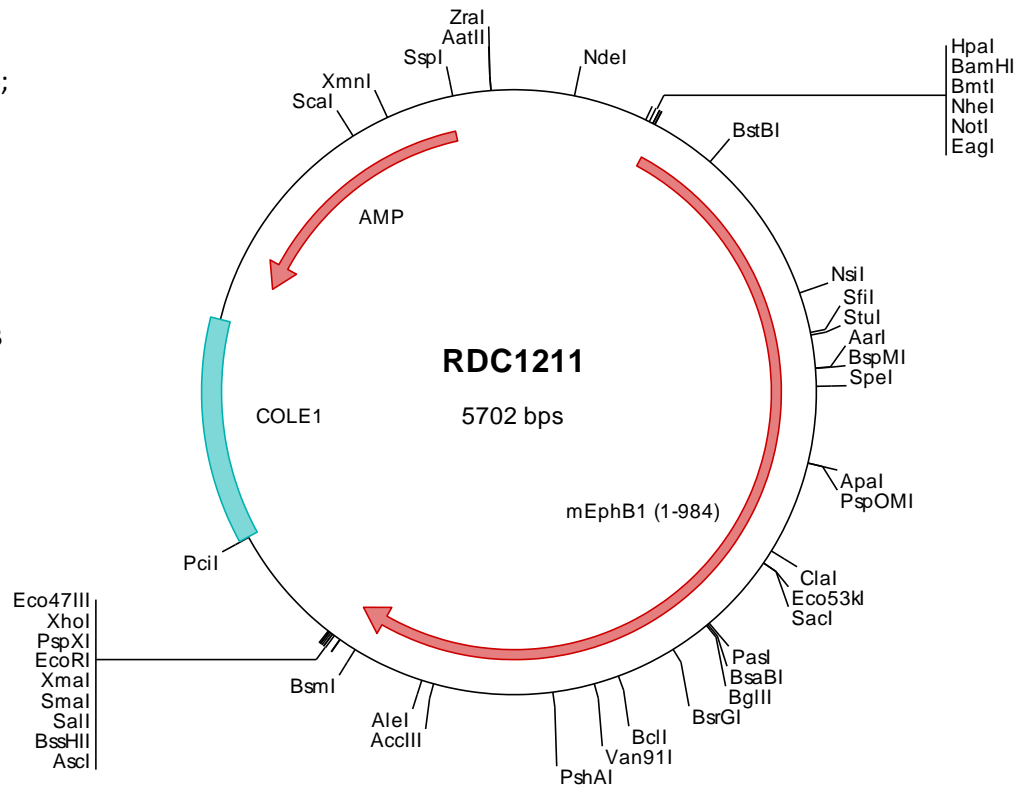
EphB1 belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EphB1 is a receptor for ephrin-B family members and mediates embryonic vascular system development and adult angiogenesis. Eph and Eph-related receptors have been implicated in mediating developmental events, particularly in the nervous system. It may also be involved in carcinogenesis of the digestive tract. EphB1 polymorphisms may be associated with susceptibility to hepatocellular carcinoma.

## Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

## Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

