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32-9661: Recombinant Human Ephrin B Receptor 1/EphB1 (C-Fc)(Discontinued)

Alternative Name : Ephrin Type-B Receptor 1, ELK, EPH Tyrosine Kinase 2, EPH-Kike Kinase 6, EK6, hEK6, Neuronally-Expressed EPH-Related Tyrosine Kinase, NET, Tyrosine-Protein Knase Receptor EPH-2, EPHB1, ELK, EPHT2, HEK6, NET

Description

Source : Human Cells;
Ephrin Type-B Receptor 1 (EPHB1) is a single-pass type I membrane protein that belongs to the Ephrin-B family of receptor tyrosine kinases involved in the development of embryonic nervous and vascular systems. EPHB1 contains two fibronectin type-III domains, one protein kinase domain and one Sterile Alpha Motif (SAM)domain. EPHB1 is able to stimulate fibroblast motility on extracellular matrix in a kinase-dependent manner, which is also correlated with its association with Grb7, an adaptor molecule implicated in the regulation of cell migration. It binds to Ephrin-B1, Ephrin-B2 and Ephrin-B3. EPHB1 plays an important roles in diverse biological processes including nervous system development, angiogenesis, and neural synapsis formation and maturation and may be involved in cell-cell interactions in the nervous system.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Amino Acid : Recombinant Human Ephrin B Receptor 1 is produced by our Mammalian expression system and the target gene encoding Met18-Pro540 is expressed with a Fc tag at the C-terminus.