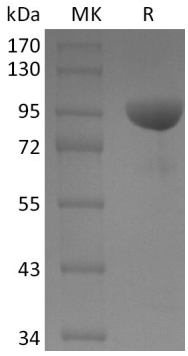
产品名称：Recombinant Human EphB1 (C-Fc)
产品货号：PHH2312

概述（Summary）

英文全称	EphB1/Ephrin Type-B Receptor 1/Ephb1 (P54762,Met18-Pro540)
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Ephrin Type-B Receptor 1 is produced by our Mammalian expression system and the target gene encoding Met18-Pro540 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	P54762
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	85.6 KDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

产品名称：Recombinant Human EphB1 (C-Fc)
产品货号：PHH2312



背景（Background）

分子别名（Alternative Names）

Ephrin Type-B Receptor 1; ELK; EPH Tyrosine Kinase 2; EPH-Like Kinase 6; EK6; hEK6; Neuronally-Expressed EPH; Related Tyrosine Kinase; NET; Tyrosine-Protein Kinase Receptor EPH-2; EPHB1; ELK; EPHT2; HEK6

背景介绍（References）

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 that is involved in embryonic nervous and vascular system development. EPHB1/EPHT2 contains two fibronectin type-III domains, one protein kinase domain and one SAM (sterile α motif) domain. EPHB1 could stimulate fibroblast motility on extracellular matrix in a kinase-dependent manner, which 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.

注意事项（Note）

For research use only .