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EPHB2, 19-543aa, Human, His-tag, Baculovirus

产品货号: TP02031

第三版

别名: Ephrin type-B receptor 2 isoform 1, EPHB2, CAPB, DRT, EK5, EPHT3, ERK, Hek5, PCBC, Tyro5

描述: EPHB2, also known as ephrin type-B receptor 2 isoform 1, is a member of the transmembrane Eph receptor tyrosine kinase family (RTKs) that binds members of the Ephrin family on adjacent cells. The interaction triggers forward signaling in the receptor-expressing cells through the Eph receptor and reverse signaling in the ligand-expressing cells through Ephrin. Hippocampal neurons can release vesicles containing full length EPHB2, and these are taken up by neighboring glial cells. This protein controls axon guidance across the embryonic midline, promotes a neuronal fate from neural precursors, and regulates NMDA receptor activity. Recombinant human EPHB2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT.

分子量: 59.1kDa (533aa), 50-70kDa (SDS-PAGE under reducing conditions.)

序列: IBSNP0801

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.