

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Ephrin-B2, 29-232aa, Mouse, His tag, Insect cell

产品货号: TP02033

第三版

别名: Efnb2, ELF-2, Epl5, Eplg5, Htk-L, LERK-5, Lerk5, NLERK-1

描述: EFNB2, also known as ephrin-B2, is cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. It binds to receptor tyrosine kinase including EPHA4, EPHA3 and EPHB4. Together with EPHB4 plays a central role in heart morphogenesis and angiogenesis through regulation of cell adhesion and cell migration. EPHB4-mediated forward signaling controls cellular repulsion and segregation from EFNB2-expressing cells. It may play a role in constraining the orientation of longitudinally projecting axons. Recombinant mouse EFNB2, 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 10% glycerol.

分子量: 23.4kDa (212aa) 28-40kDa (SDS-PAGE under reducing conditions.)

序列:

RSIVLEPIYWNSSNSKFLPGQGLVLYPQIGDKLDIICPKVDSKTVGQYEYYKVYVMDKDQADRCTIKKENTPLLNCARPDQ
DVKFTIKFQEFSPNLWGLEFQKNKDYIISTSNGLSLEGLDNQEGGVCQTRAMKILMKVGGDASSAGSARNHGPTRRPELE
AGTNGRSSTTSPFVKPNPGSSTDGNSAGHSGNLLGSEVALFALEHHHHHH

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.