

Recombinant Human Ephrin-B2/EFNB2 Protein(C-6His)

Cat.NO.: TP04582

3th Edition

Synonyms:Ephrin-B2; EPH-Related Receptor Tyrosine Kinase Ligand 5; LERK-5; HTK Ligand; HTK-L; EFNB2; EPLG5; HTKL; LERK5

Description:Ephrin-B2 is a type I transmembrane protein and belongs the Ephrin family. It binds to the receptor tyrosine kinases, such as EPHA4, EPHB4 and EPHA3. Ephrin-B2 has been implicated in mediating developmental events, especially in the nervous system, erythropoiesis and tumour metastasis. Ligation of Ephrin-B2 with complementary EphB receptors on adjacent cells results in a combination of forward (EphB receptors) and reverse (Ephrin-B2) signalling, which is central to tissue development and remodelling functions. In addition, Ephrin-B2 may play a role in constraining the orientation of longitudinally projecting axons.

Form:PBS

Molecular Weight:23.2 kDa

Sequences:Ile28-Ala229

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.