

Recombinant Mouse Ephrin-B1/EFNB1 Protein(C-Fc-6His)

Cat.NO.: TP04563

3th Edition

Synonyms:Ephrin-B1; EFL-3; ELK ligand; ELK-L; EPH-related receptor tyrosine kinase ligand 2; LERK-2; EFNB1; EFL3; EPLG2; LERK2

Description:Mouse Ephrin-B1 is a single-pass type I membrane protein which belongs to the ephrin family. It contains an ephrin RBD (ephrin receptor-binding) domain, and expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas. Ephrin-B1 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. It binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. It may play a role in cell adhesion and function in the development or maintenance of the nervous system.

Form:PBS

Molecular Weight:49.8 kDa

Sequences:Lys30-Ser229

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.