

## Product datasheet for **TP727238**

### Efnb1 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Ephrin-B1/EFNB1 (C-Fc-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Lys30-Ser229
Tag:	C-Fc&His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Mouse Ephrin-B1 is produced by our Mammalian expression system and the target gene encoding Lys30-Ser229 is expressed with a Fc, 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	13641
UniProt ID:	<a href="#">P52795</a>
Summary:	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.



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