

Recombinant Mouse Ephrin-B2/EFNB2 Protein

RPCB1184

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	Tag:	C-His
Reactivity:	Mouse	Expressed Host:	HEK293 cells
Calculated MW:	23.21 kDa	Observed MW:	35-40 kDa

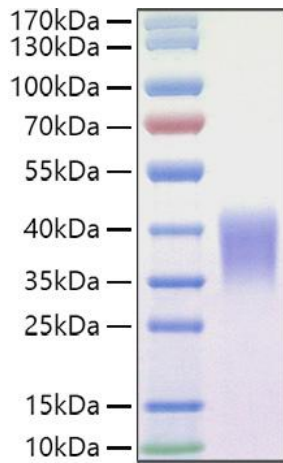
Background

This protein is a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors.

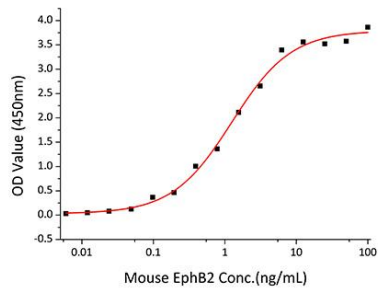
Properties

Synonyms:	Epl5, ELF-2, Eplg5, Htk-L, Lerk5, LERK-5, NLERK-1, EFNB2
Gene ID:	13642
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Mouse Ephrin-B2/EFNB2 Protein (RPCB1184), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data



Recombinant Mouse Ephrin-B2/EFNB2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Mouse EFNB2 at 1 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Mouse EPHB2 with a linear range of 0.01-1.3 ng/mL.