

EFNB3 (Human) Cell-Based ELISA Kit

Catalog # KA2825

Size 1 Kit

Specification

Product Description	EFNB3 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of EFNB3 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — EFNB3

Entrez GeneID	1949
Protein Accession#	Q15768
Gene Name	EFNB3
Gene Alias	EFL6, EPLG8, LERK8
Gene Description	ephrin-B3

Omim ID [602297](#)

Gene Ontology [Hyperlink](#)

Gene Summary

EFNB3, a member of the ephrin gene family, is important in brain development as well as in its maintenance. Moreover, since levels of EFNB3 expression were particularly high in several forebrain subregions compared to other brain subregions, it may play a pivotal role in forebrain function. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, particularly in the nervous system. EPH Receptors typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin ligands and receptors have been named by the Eph Nomenclature Committee (1997). 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. The Eph family of receptors are similarly divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. [provided by RefSeq]

Other Designations

Ephrin B3|eph-related receptor tyrosine kinase ligand 8

Pathway

- [Axon guidance](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)