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Product datasheet for RC220133L1V

Ephrin B2 (EFNB2) (NM_004093) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ephrin B2 (EFNB2) (NM_004093) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Ephrin B2
Synonyms:	EPLG5; Htk-L; HTKL; LERK5
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_004093
ORF Size:	999 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC220133).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_004093.2
RefSeq Size:	4335 bp
RefSeq ORF:	1002 bp
Locus ID:	1948
UniProt ID:	P52799
Cytogenetics:	13q33.3
Domains:	Ephrin
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: Axon guidance

MW: 36.7 kDa

Gene Summary: This gene encodes 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. [provided by RefSeq, Jul 2008]