

Product datasheet for **RC229404L4V**

Eph receptor B6 (EPHB6) (NM_004445) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Eph receptor B6 (EPHB6) (NM_004445) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EPHB6
Synonyms:	HEP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004445
ORF Size:	3066 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229404).
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_004445.5
RefSeq Size:	3449 bp
RefSeq ORF:	3069 bp
Locus ID:	2051
UniProt ID:	O15197
Cytogenetics:	7q34
Domains:	pkinese, EPH_lbd, TyrKc, SAM, S_TKc, FN3
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane



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Protein Pathways: Axon guidance

MW: 110.8 kDa

Gene Summary: This gene encodes a member of a family of transmembrane proteins that function as receptors for ephrin-B family proteins. Unlike other members of this family, the encoded protein does not contain a functional kinase domain. Activity of this protein can influence cell adhesion and migration. Expression of this gene is downregulated during tumor progression, suggesting that the protein may suppress tumor invasion and metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]