

Product datasheet for **RC216314L4V**

Eph receptor A6 (EPHA6) (NM_173655) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Eph receptor A6 (EPHA6) (NM_173655) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Eph receptor A6
Synonyms:	EHK-2; EHK2; EK12; EPA6; HEK12; PRO57066
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173655
ORF Size:	1002 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216314).
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_173655.1
RefSeq Size:	1619 bp
RefSeq ORF:	1005 bp
Locus ID:	285220
UniProt ID:	Q9UF33
Cytogenetics:	3q11.2
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
Protein Pathways:	Axon guidance



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MW: 37.1 kDa

Gene Summary: Receptor tyrosine kinase which binds promiscuously GPI-anchored ephrin-A family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling (By similarity).[UniProtKB/Swiss-Prot Function]