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Product datasheet for RC200404L4V

Ezrin (EZR) (NM_003379) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ezrin (EZR) (NM_003379) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EZR
Synonyms:	CVIL; CVL; HEL-S-105; VIL2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003379
ORF Size:	1758 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC200404).`
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_003379.3
RefSeq Size:	3172 bp
RefSeq ORF:	1761 bp
Locus ID:	7430
UniProt ID:	P15311
Cytogenetics:	6q25.3
Domains:	B41, ERM
Protein Families:	Druggable Genome

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Protein Pathways:	Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton
MW:	69.4 kDa
Gene Summary:	The cytoplasmic peripheral membrane protein encoded by this gene functions as a protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key role in cell surface structure adhesion, migration and organization, and it has been implicated in various human cancers. A pseudogene located on chromosome 3 has been identified for this gene. Alternatively spliced variants have also been described for this gene. [provided by RefSeq, Jul 2008]