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Product datasheet for RC209909L4V

14-3-3 zeta (YWHAZ) (NM_003406) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	14-3-3 zeta (YWHAZ) (NM_003406) Human Tagged ORF Clone Lentiviral Particle
Symbol:	14-3-3 zeta
Synonyms:	14-3-3-zeta; HEL-S-3; HEL-S-93; HEL4; KCIP-1; POPCHAS; YWHAD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003406
ORF Size:	735 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209909).`
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_003406.2
RefSeq Size:	2834 bp
RefSeq ORF:	738 bp
Locus ID:	7534
UniProt ID:	P63104
Cytogenetics:	8q22.3
Domains:	14-3-3

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Protein Pathways:	Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis, Pathogenic Escherichia coli infection
MW:	27.6 kDa
Gene Summary:	This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene. [provided by RefSeq, Oct 2008]