

Product datasheet for **RC215940L4V**

14-3-3 beta (YWHAB) (NM_003404) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	14-3-3 beta (YWHAB) (NM_003404) Human Tagged ORF Clone Lentiviral Particle
Symbol:	14-3-3 beta
Synonyms:	GW128; HEL-S-1; HS1; KCIP-1; YWHAA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003404
ORF Size:	738 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215940).
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_003404.3
RefSeq Size:	3231 bp
RefSeq ORF:	741 bp
Locus ID:	7529
UniProt ID:	P31946
Cytogenetics:	20q13.12
Domains:	14-3-3
Protein Families:	Druggable Genome



[View online »](#)

Protein Pathways: Cell cycle, Neurotrophin signaling pathway, Oocyte meiosis

MW: 28.1 kDa

Gene Summary: This gene encodes a protein belonging to the 14-3-3 family of proteins, members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Two transcript variants, which encode the same protein, have been identified for this gene. [provided by RefSeq, Jul 2008]