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Product datasheet for RC200013L2V

14 3 3 eta (YWHAH) (NM_003405) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	14 3 3 eta (YWHAH) (NM_003405) Human Tagged ORF Clone Lentiviral Particle
Symbol:	YWHAH
Synonyms:	YWHA1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003405
ORF Size:	738 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200013).
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_003405.3
RefSeq Size:	1807 bp
RefSeq ORF:	741 bp
Locus ID:	7533
UniProt ID:	Q04917
Cytogenetics:	22q12.3
Domains:	14-3-3
Protein Families:	Druggable Genome, Transcription Factors

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

MW: 28.2 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 bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder. [provided by RefSeq, Jun 2009]