

## Product datasheet for **RC220764L4V**

### CDKL5 (NM\_003159) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CDKL5 (NM_003159) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDKL5
Synonyms:	CFAP247; DEE2; EIEE2; ISSX; STK9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003159
ORF Size:	3090 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220764).
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. <a href="#">More info</a>
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:	<a href="#">NM_003159.2</a> , <a href="#">NP_003150.1</a>
RefSeq Size:	3434 bp
RefSeq ORF:	3093 bp
Locus ID:	6792
UniProt ID:	<a href="#">O76039</a>
Cytogenetics:	Xp22.13
Domains:	pkinese, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase



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**MW:** 115.4 kDa

**Gene Summary:** This gene is a member of Ser/Thr protein kinase family and encodes a phosphorylated protein with protein kinase activity. Mutations in this gene have been associated with X-linked infantile spasm syndrome (ISSX), also known as X-linked West syndrome, and Rett syndrome (RTT). Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]