

## Product datasheet for **RC200912L4V**

### CHAC1 (NM\_024111) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CHAC1 (NM_024111) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHAC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024111
ORF Size:	666 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200912).
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_024111.2</a>
RefSeq Size:	1578 bp
RefSeq ORF:	669 bp
Locus ID:	79094
UniProt ID:	<a href="#">Q9BUX1</a>
Cytogenetics:	15q15.1
Domains:	ChaC
MW:	24.4 kDa



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**Gene Summary:**

This gene encodes a member of the gamma-glutamylcyclotransferase family of proteins. The encoded protein has been shown to promote neuronal differentiation by deglycosylation of the Notch receptor, which prevents receptor maturation and inhibits Notch signaling. This protein may also play a role in the unfolded protein response, and in regulation of glutathione levels and oxidative balance in the cell. Elevated expression of this gene may indicate increased risk of cancer recurrence among breast and ovarian cancer patients. [provided by RefSeq, Sep 2016]