

## Product datasheet for **RC218385L4V**

### IRS4 (NM\_003604) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	IRS4 (NM_003604) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IRS4
Synonyms:	CHNG9; IRS-4; PY160
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003604
ORF Size:	3771 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218385).
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_003604.1</a>
RefSeq Size:	3939 bp
RefSeq ORF:	3774 bp
Locus ID:	8471
UniProt ID:	<a href="#">O14654</a>
Cytogenetics:	Xq22.3
Protein Families:	Druggable Genome



[View online »](#)

<b>Protein Pathways:</b>	Adipocytokine signaling pathway, Insulin signaling pathway, Neurotrophin signaling pathway, Type II diabetes mellitus
<b>MW:</b>	133.6 kDa
<b>Gene Summary:</b>	IRS4 encodes the insulin receptor substrate 4, a cytoplasmic protein that contains many potential tyrosine and serine/threonine phosphorylation sites. Tyrosine-phosphorylated IRS4 protein has been shown to associate with cytoplasmic signalling molecules that contain SH2 domains. The IRS4 protein is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation.. [provided by RefSeq, Jul 2008]