

Product datasheet for **RC208765L3V**

IRS1 (NM_005544) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IRS1 (NM_005544) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IRS1
Synonyms:	HIRS-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005544
ORF Size:	3726 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208765).
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_005544.1
RefSeq Size:	5828 bp
RefSeq ORF:	3729 bp
Locus ID:	3667
UniProt ID:	P35568
Cytogenetics:	2q36.3
Protein Families:	Druggable Genome



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Protein Pathways: Adipocytokine signaling pathway, Insulin signaling pathway, Neurotrophin signaling pathway, Type II diabetes mellitus

MW: 131.4 kDa

Gene Summary: This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance. [provided by RefSeq, Nov 2009]