

## Product datasheet for **RC207031L3V**

### ICOS (NM\_012092) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ICOS (NM_012092) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ICOS
Synonyms:	AILIM; CD278; CVID1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012092
ORF Size:	597 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207031).
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_012092.2</a>
RefSeq Size:	2652 bp
RefSeq ORF:	600 bp
Locus ID:	29851
UniProt ID:	<a href="#">Q9Y6W8</a>
Cytogenetics:	2q33.2
Protein Families:	Secreted Protein, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Primary immunodeficiency, T cell receptor signaling pathway

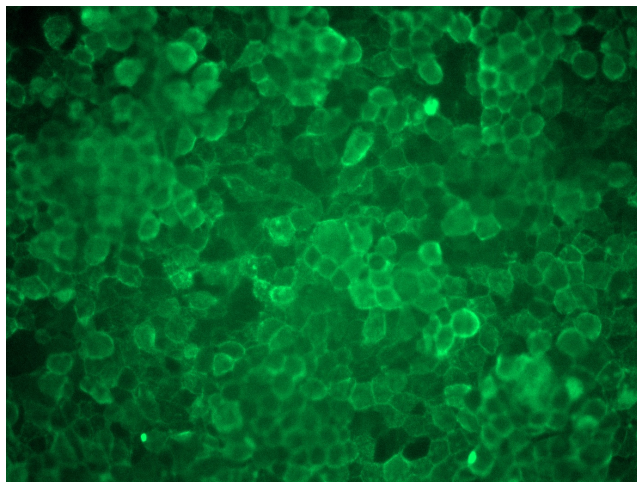


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MW: 22.6 kDa

**Gene Summary:** The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. [provided by RefSeq, Jul 2008]

**Product images:**



[RC207031L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207031L3V particle to overexpress human ICOS-Myc-DDK fusion protein.