

Product datasheet for **RC206540L2V**

B7-1 (CD80) (NM_005191) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	B7-1 (CD80) (NM_005191) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD80
Synonyms:	B7; B7-1; B7.1; BB1; CD28LG; CD28LG1; LAB7
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005191
ORF Size:	864 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206540).
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_005191.3
RefSeq Size:	2757 bp
RefSeq ORF:	867 bp
Locus ID:	941
UniProt ID:	P33681
Cytogenetics:	3q13.33
Domains:	ig
Protein Families:	Druggable Genome, Transcription Factors, Transmembrane



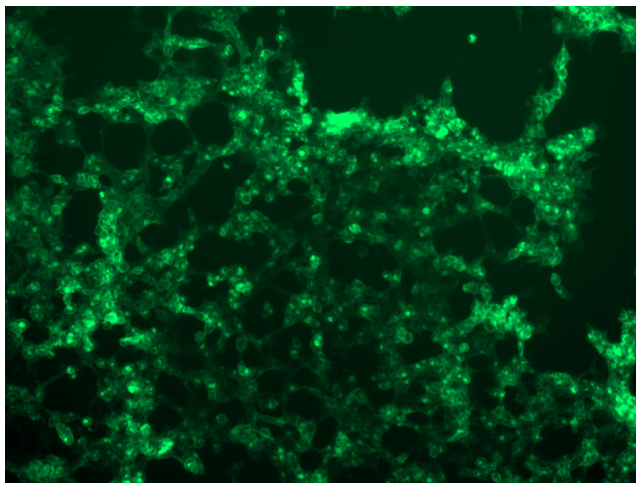
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Protein Pathways: Allograft rejection, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Graft-versus-host disease, Systemic lupus erythematosus, Toll-like receptor signaling pathway, Type I diabetes mellitus, Viral myocarditis

MW: 33 kDa

Gene Summary: The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. [provided by RefSeq, Aug 2011]

Product images:



[RC206540L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC206540L2V particle to overexpress human CD80-mGFP fusion protein.