

Product datasheet for **RC224758L4V**

CD11d (ITGAD) (NM_005353) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD11d (ITGAD) (NM_005353) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD11d
Synonyms:	ADB2; CD11D
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005353
ORF Size:	3483 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224758).
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_005353.2 , NP_005344.2
RefSeq Size:	3912 bp
RefSeq ORF:	3486 bp
Locus ID:	3681
UniProt ID:	Q13349
Cytogenetics:	16p11.2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Regulation of actin cytoskeleton



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MW: 126.76 kDa

Gene Summary: This gene belongs to the beta-2 integrin family of membrane glycoproteins, which are composed of non-covalently linked alpha and beta subunits to form a heterodimer. It encodes the alpha subunit of the cell surface heterodimers and is involved in the activation and adhesion functions of leukocytes. The gene is located about 11kb downstream of the integrin subunit alpha X gene, another member of the integrin family. It is expressed in the tissue and circulating myeloid leukocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]