

Product datasheet for **RC212780L4V**

DECTIN 2 (CLEC6A) (NM_001007033) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DECTIN 2 (CLEC6A) (NM_001007033) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DECTIN 2
Synonyms:	CLEC4N; CLECSF10; dectin-2; hDECTIN-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001007033
ORF Size:	627 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212780).
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_001007033.1
RefSeq Size:	1613 bp
RefSeq ORF:	630 bp
Locus ID:	93978
UniProt ID:	Q6EIG7
Cytogenetics:	12p13.31
Protein Families:	Transmembrane
MW:	24 kDa



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Gene Summary:

The protein encoded by this gene is a type II membrane receptor with an extracellular C-type lectin-like domain fold. The extracellular portion binds structures with a high mannose content and has been shown to recognize several pathogens, including *C. elegans*, *S. cerevisiae*, *M. tuberculosis*, *C. neoformans*, and house dust mite. When stimulated, the encoded protein initiates signalling through the CARD9-Bcl10-Malt1 pathway, leading to the induction of cytokines. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015]