

## Product datasheet for **RC217265L3V**

### Integrin alpha E (ITGAE) (NM\_002208) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Integrin alpha E (ITGAE) (NM_002208) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Integrin alpha E
Synonyms:	CD103; HUMINAE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002208
ORF Size:	3537 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217265).
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_002208.4</a>
RefSeq Size:	3878 bp
RefSeq ORF:	3540 bp
Locus ID:	3682
UniProt ID:	<a href="#">P38570</a>
Cytogenetics:	17p13.2
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Regulation of actin cytoskeleton


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**MW:** 130.12 kDa

**Gene Summary:** Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an I-domain-containing alpha integrin that undergoes post-translational cleavage in the extracellular domain, yielding disulfide-linked heavy and light chains. In combination with the beta 7 integrin, this protein forms the E-cadherin binding integrin known as the human mucosal lymphocyte-1 antigen. This protein is preferentially expressed in human intestinal intraepithelial lymphocytes (IEL), and in addition to a role in adhesion, it may serve as an accessory molecule for IEL activation. [provided by RefSeq, Jul 2008]