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Product datasheet for RC204506L2V

ULBP2 (NM_025217) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ULBP2 (NM_025217) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ULBP2
Synonyms:	ALCAN-alpha; N2DL2; NKG2DL2; RAET1H; RAET1L
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_025217
ORF Size:	738 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204506).
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_025217.2, NP_079493.1
RefSeq Size:	1362 bp
RefSeq ORF:	741 bp
Locus ID:	80328
UniProt ID:	Q9BZM5
Cytogenetics:	6q25.1
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity

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MW: 27.4 kDa

Gene Summary: This gene encodes a major histocompatibility complex (MHC) class I-related molecule that binds to the NKG2D receptor on natural killer (NK) cells to trigger release of multiple cytokines and chemokines that in turn contribute to the recruitment and activation of NK cells. The encoded protein undergoes further processing to generate the mature protein that is either anchored to membrane via a glycosylphosphatidylinositol moiety, or secreted. Many malignant cells secrete the encoded protein to evade immunosurveillance by NK cells. This gene is located in a cluster of multiple MHC class I-related genes on chromosome 6. [provided by RefSeq, Jul 2015]