

#### OriGene Technologies, Inc.

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# Product datasheet for SA6036

## CD305 / LAIR1 (22-125) Human Protein

## **Product data:**

Description:CD305 / LAIR1 (22-125) human protein, 0.1 mgSpecies:HumanExpression Host:E. coli	
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Expression Host: E. coli	
Expression cDNA CloneMQEEDLPRPS ISAEPGTVIP LGSHVTFVCR GPVGVQTFRL ERESRSTYND TEDVSQASPS ESor AA Sequence:VSEGNAGPYR CIYYKPPKWS EQSDYLELLV KETSG	SEARFRIDS
Predicted MW: 11.7 kDa	
Concentration: lot specific	
Purity:>95% by SDS-PAGE	
Buffer:Presentation State: PurifiedState: Liquid protein	
Preparation: Liquid protein	
Protein Description:LAIR-1 is a glycoprotein (~32kDa) expressed on the surface of the majority of human peripheral blood mononuclear leukocytes including T cells , B cells, NK cells, macrop and dendritic cells. LAIR-1 functions as an inhibitory receptor in NK cells, T cells and Lair-1 consists of a leader sequence, extracellular domain, transmembrane domain, cytoplasmic region. The extracellular domain of LAIR-1 (22-125aa) was overexpressed E.coli, and purified by using conventional chromatography techniques.	ohages B cells. ,
Storage:Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezithawing.	ng and
Stability: Shelf life: one year from despatch.	
Stability:Shelf life: one year from despatch.RefSeq:NP 001275952	
<b>RefSeq:</b> <u>NP 001275952</u>	
RefSeq: NP 001275952   Locus ID: 3903	



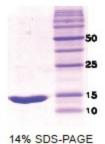
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#### **CD305 / LAIR1 (22-125) Human Protein – SA6036**

Summary: The protein encoded by this gene is an inhibitory receptor found on peripheral mononuclear cells, including natural killer cells, T cells, and B cells. Inhibitory receptors regulate the immune response to prevent lysis of cells recognized as self. The gene is a member of both the immunoglobulin superfamily and the leukocyte-associated inhibitory receptor family. The gene maps to a region of 19q13.4 called the leukocyte receptor cluster, which contains at least 29 genes encoding leukocyte-expressed receptors of the immunoglobulin superfamily. The encoded protein has been identified as an anchor for tyrosine phosphatase SHP-1, and may induce cell death in myeloid leukemias. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Protein Families: Transmembrane

### **Product images:**



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