

Recombinant Human LAIR2

Cat. No. LAIR2-29000TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human LAIR2 with N terminal proprietary tag; Predicted MW 42.79 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	152 amino acids
Description	The protein encoded by this gene is a member of the immunoglobulin superfamily. It was identified by its similarity to LAIR1, an inhibitory receptor present on mononuclear leukocytes. This gene maps to a region of 19q13.4, termed the leukocyte receptor cluster, which contains 29 genes in the immunoglobulin superfamily, including LAIR1. The function of this protein is unknown, although it is thought to be secreted and may help modulate mucosal tolerance. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	42.790kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MSPHLTALLGLVLCLAQTIHTQEGALPRPSISAEPGTVIS PGSHVTFMCRGPVGVQT FRLEREDRAKYKDSYNVFR LGPS ESEARFHIDSVSEGNAGLYRCLYYKPPGWSEH SDFLELLV KESSGGPDSPDTEPGSSAGTVP GTEASGFDAP
Sequence Similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

GENE INFORMATION

Gene Name	LAIR2 leukocyte-associated immunoglobulin-like receptor 2 [Homo sapiens]
Official Symbol	LAIR2
Synonyms	LAIR2; leukocyte-associated immunoglobulin-like receptor 2; leukocyte associated Ig like receptor 2; CD306;
Gene ID	3904
mRNA Refseq	NM_002288
Protein Refseq	NP_002279
MIM	602993
Uniprot ID	Q6ISS4
Chromosome Location	19q13.4

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Function

receptor activity;

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