

Recombinant Human LAIR1 Protein, C-His-tagged

Cat. No. LAIR1-092H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAIR1 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	LAIR-1 is an inhibitory receptor that belongs to the Immunoglobulin superfamily. It has one extracellular Ig-like domain and an intracellular C-terminus with two ITIM (immunoreceptor tyrosine-based inhibitory motif) domains. It is found on peripheral mononuclear cells, including NK, T, and B cells, and is thought to play a negative regulatory role on the cytolytic function of these cells through signaling through collagen ligation. LAIR1 has been noted to be upregulated in renal cell carcinoma, and may play a role in expansion of Th17 cell populations in collagen-rich environments, such as in graft rejection tissue.
Molecular Mass	~22 kDa
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.

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Concentration ≥0.5 mg/mL

Storage Buffer PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name LAIR1 leukocyte-associated immunoglobulin-like receptor 1 [Homo sapiens (human)]

Official Symbol LAIR1

Synonyms LAIR1; leukocyte-associated immunoglobulin-like receptor 1; leukocyte associated Ig like receptor 1; CD305; hLAIR1; leukocyte-associated Ig-like receptor 1; LAIR-1;

Gene ID 3903

mRNA Refseq NM_002287

Protein Refseq NP_002278

MIM 602992

UniProt ID Q6GTX8

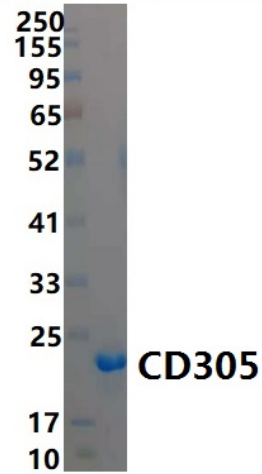
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SDS-PAGE

SDS-PAGE experiment



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