

Recombinant Human LAIR1 Protein, MYC/DDK-tagged

Cat. No. LAIR1-166H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human LAIR1 protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.

Species Human

Source HEK293

Description 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]

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Molecular Mass 31.2 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name leukocyte associated immunoglobulin like receptor 1 [Homo sapiens]

Official Symbol LAIR1

Synonyms CD305; LAIR-1

Gene ID 3903

mRNA Refseq NM_002287.3

Protein Refseq NP_002278.1

MIM 602992

UniProt ID Q6GTX8

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