

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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