

# Recombinant Human LAIR1 protein, His-tagged, Biotinylated

**Cat. No.** LAIR1-524HB    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human LAIR1 protein (AAF71275.2) (Met1-Tyr165), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-165 a.a.
<b>Predicted N Terminal</b>	Gln 22
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	The recombinant human LAIR1 consists of 155 amino acids and predicts a molecular mass of 17.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Shipping</b>	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	LAIR1 leukocyte-associated immunoglobulin-like receptor 1 [ Homo sapiens ]
<b>Official Symbol</b>	LAIR1
<b>Synonyms</b>	LAIR1; leukocyte-associated immunoglobulin-like receptor 1; leukocyte associated Ig like receptor 1; CD305; hLAIR1; leukocyte-associated Ig-like receptor 1; LAIR-1;
<b>Gene ID</b>	3903
<b>mRNA Refseq</b>	NM_002287
<b>Protein Refseq</b>	NP_002278
<b>MIM</b>	602992
<b>UniProt ID</b>	Q6GTX8

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