

## Recombinant Human LAIR1 protein, His-Avi-tagged

Cat. No. LAIR1-068H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LAIR1 protein(Q6GTX8-1)(Gln22-His163), fused with C-terminal His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln22-His163
<b>Tag</b>	C-His-Avi
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human LAIR1, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-LAIR1 Antibody, hFc Tag with the EC50 of 3.0ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 18.2 kDa. Due to glycosylation, the protein migrates to 30-36 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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**Storage** Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution** Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** LAIR1 leukocyte-associated immunoglobulin-like receptor 1 [ Homo sapiens ]

**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

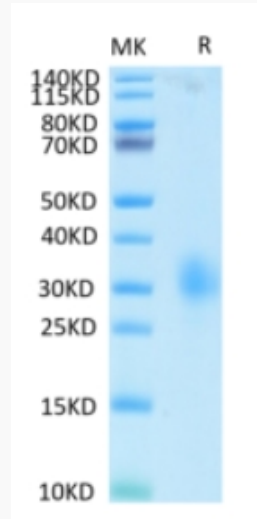
**UniProt ID** Q6GTX8

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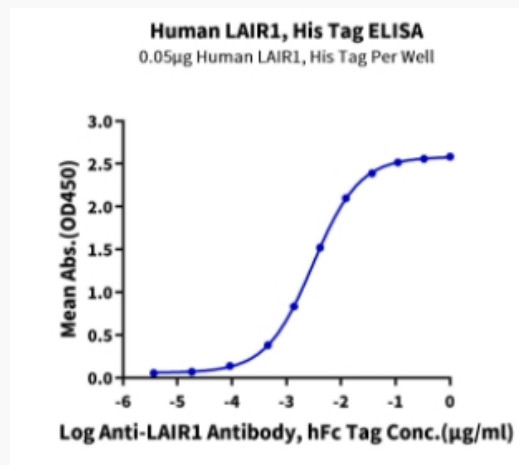
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**Tris-Bis PAGE**



**ELISA Data**



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