Recombinant Human LAIR1 protein, His-Avi-tagged

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

SPECIFICATION

Product Overview	Recombinant Human LAIR1 protein(Q6GTX8-1)(Gln22-His163), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln22-His163
Tag	C-His-Avi
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

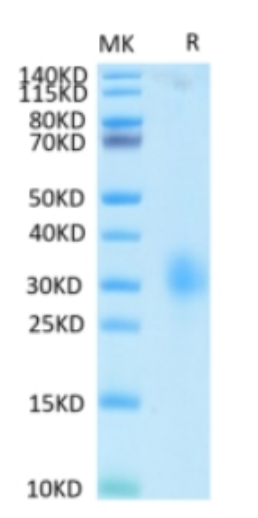
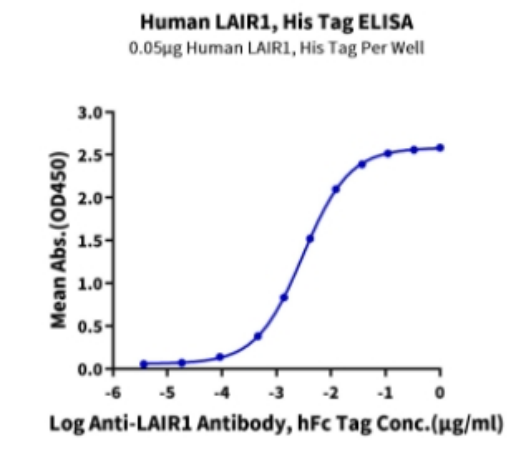
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is 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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Tris-Bis PAGE	
ELISA Data	

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