

## Active Recombinant Human LAIR2 protein

Cat. No. LAIR2-6973H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human LAIR2 protein(NP_002279.2) (Met 1- 152) was expressed and purified in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-152 aa
<b>Form</b>	Lyophilized from sterile 50mM Tris, 0.7M NaCl, pH 8.0.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of HT-29 human colon adenocarcinoma cells. When 5 x 10E4 cells/well are added to recombiannnt human LAIR2 coated plates (50 µg/ml with 100 µl/well), >30% will adhere after 30 minutes at 37°C. Optimal concentration depends on cell type as well as the application or research objectives.
<b>Molecular Mass</b>	The secreted recombinant human LAIR2 comprises 131 amino acids with a predicted molecular mass of 14.1 kDa. As a result of glycosylation, the apparent molecular mass of rh LAIR2 is apximately 22 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 93 % as determined by SDS-PAGE

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<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>protein Refseq-Weblink</b>	<a href="http://www.ncbi.nlm.nih.gov/protein/NP_002279.2">http://www.ncbi.nlm.nih.gov/protein/NP_002279.2</a>
<b>Unit ID</b>	Q6ISS4
<b>Unit ID-Weblink</b>	<a href="http://www.uniprot.org/uniprot/Q6ISS4">http://www.uniprot.org/uniprot/Q6ISS4</a>

## GENE INFORMATION

<b>Gene Name</b>	LAIR2 leukocyte-associated immunoglobulin-like receptor 2 [ Homo sapiens ]
<b>Official Symbol</b>	LAIR2
<b>Synonyms</b>	LAIR2; leukocyte-associated immunoglobulin-like receptor 2; leukocyte associated Ig like receptor 2; CD306; LAIR-2; leukocyte-associated Ig-like receptor 2; leukocyte-associated Ig-like receptor-2; MGC71634;
<b>Gene ID</b>	3904
<b>mRNA Refseq</b>	NM_002288
<b>protein Refseq</b>	NP_002279
<b>MIM</b>	602993

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