

# Recombinant Human Leukocyte-associated Immunoglobulin-like Receptor 2, His-tagged

**Cat. No.** LAIR2-5586H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human LAIR2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	LAIR2 is a secreted, 131 amino acid (aa) protein that contains one Ig-like C2 type domain, making it a member of the Ig superfamily. Although one is secreted and one is membrane bound, the two LAIR proteins are thought to have arisen from a common gene ancestor and appear to share similar adhesion profiles. This suggests that LAIR2 may compete with LAIR1 for ligand binding.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT.
<b>Molecular Weight</b>	15.2 kDa (139aa) confirmed by MALDI-TOF
<b>Purity</b>	> 90% by SDS-PAGE
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)
<b>Sequences of amino acids</b>	MGSSHHHHHSSGLVPRGSH MGSHMQEGAL PRPSISAEPG TVISPGSHVT FMC RGPVGVQTFRLEREDRA KYKDSYNVFR LGPSESEARF HIDSVSEGNA GLYRCLYYKP PGWSEHSDFL ELLVKGTVPVGTASGFDAP

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<b>Storage</b>	Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.	
<b>OfficialSymbol</b>	LAIR2	
<b>nullValue_other</b>	Function	receptor activity
<b>GENE INFORMATION</b>		
<b>Gene Name</b>	LAIR2 leukocyte-associatedimmunoglobulin-like receptor 2 [ Homo sapiens ]	
<b>Synonyms</b>	LAIR2; leukocyte-associatedimmunoglobulin-like receptor 2; CD306; MGC71634; leukocyte-associated Ig-likereceptor 2; Leukocyte-associated immunoglobulin-like receptor 2; LAIR-2;CD306 antigen; leukocyte-associated Ig-like receptor-2; OTTHUMP00000174336; OTTHUMP00000174337;OTTHUMP00000068389; OTTHUMP00000068390	
<b>Gene ID</b>	3904	
<b>mRNA Refseq</b>	NM_002288	
<b>Protein Refseq</b>	NP_002279	
<b>MIM</b>	602993	
<b>UniProt ID</b>	Q6ISS4	
<b>Chromosome Location</b>	19q13.4	

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