

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

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

SPECIFICATION

Product Overview	Recombinant human LAIR2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT.
Molecular Weight	15.2 kDa (139aa) confirmed by MALDI-TOF
Purity	> 90% by SDS-PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHSSGLVPRGSH MGSHMQEGAL PRPSISAEPG TVISPGSHVT FMC RGPVGVQTFRLEREDRA KYKDSYNVFR LGPSESEARF HIDSVSEGNA GLYRCLYYKP PGWSEHSDFL ELLVKGTVPGTEASGFDAP

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Storage	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.	
OfficialSymbol	LAIR2	
nullValue_other	Function	receptor activity
GENE INFORMATION		
Gene Name	LAIR2 leukocyte-associatedimmunoglobulin-like receptor 2 [Homo sapiens]	
Synonyms	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; OTTHUMP000000174336; OTTHUMP000000174337;OTTHUMP000000068389; OTTHUMP000000068390	
Gene ID	3904	
mRNA Refseq	NM_002288	
Protein Refseq	NP_002279	
MIM	602993	
UniProt ID	Q6ISS4	
Chromosome Location	19q13.4	

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