

Product information

LAIR2, 22-135aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1501

Full name: Leukocyte-associated immunoglobulin-like receptor

NCBI Accession No.: NP_067154

Synonyms: CD306

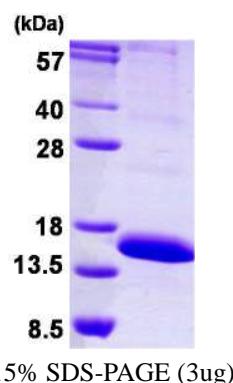
Description: LAIR2, also known as leukocyte-associated immunoglobulin-like receptor 2, is a secreted, 131 amino acid (aa) protein that contains one IglikeC2 type domain, making it a member of the Ig superfamily. Although one is secreted and one is membranebound, the two LAIR proteins are thought to have arisen from a common gene ancestor and appear to share similar adhesion profiles. This suggests that LAIR2 may compete with LAIR1 for ligand binding. Recombinant human LAIR2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol,
0.1M NaCl, 1mM DTT

Molecular Weight: 15.2 kDa (139aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 1mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSQMREGAL PRPSISAEPG TVISPGSHVT FMRGPGVGQ TFRLEREDRA KYKDSYNVFR LGPSESEARF
HIDSVSEGNA GLYRCLYYKP PGWSEHSDFL ELLVKGTVPV TEASGFADP

General references:

Meyaard L., *et al.* (1997) *Immunity*. 7:283-290

Meyaard L., *et al.* (1999) *J. Immunol.* 162:5800-5804

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.