

Recombinant human LAIR2 protein

Catalog Number: ATGP1501

PRODUCT INFORMATION

Expression system

E.coli

Domain

22-135aa

UniProt No.

Q6ISS4

NCBI Accession No.

NP_067154

Alternative Names

Leukocyte-associated immunoglobulin-like receptor, CD306

PRODUCT SPECIFICATION

Molecular Weight

15.2 kDa (139aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

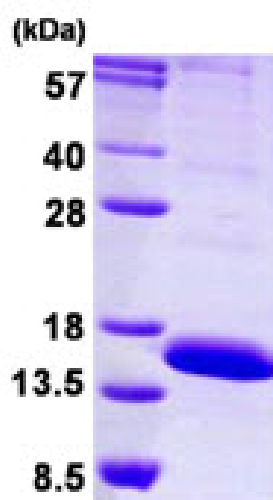
MGSSHHHHHH SSGLVPRGSH MGSHMQEGAL PRPSISAEPG TVISPGSHVT FMCRGPVGVQ TFRLEREDRA KYKDSYNVFR
LGPSESEARF HIDSVSEGNA GLYRCLYYKP PGWSEHSDFL ELLVKGTVPV TEASGFDAP

General References

Meyaard L., et al. (1997) *Immunity*. 7:283-290
Meyaard L., et al. (1999) *J. Immunol.* 162:5800-5804

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)