

Human CellExp CD306 / LAIR2, human recombinant protein
LAIR2, CD306
Catalog # PBV11000r**Specification**

Human CellExp CD306 / LAIR2, human recombinant protein - Product infoPrimary Accession
Calculated MW[Q6ISS4](#)

This protein is fused with 6×His tag at the C-terminus, has a calculated MW of 14.9 kDa. The predicted N-terminus is Gln 22. DTT-reduced Protein migrates as 19-23 kDa. KDa

Human CellExp CD306 / LAIR2, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
LAIR2, CD306**3904**
LAIR2Gene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥95%
N/A;
Yes
Measured by the ability of the immobilized protein to support the adhesion of HT-29 human colon adenocarcinoma cells. When 10000 cells/well are added to rhLAIR2 /CD306 coated plates (50 µg/ml with 100 µl/well), approximately >40% cells will adhere after 10 minutes at 37°C

Target/Specificity
CD306/LAIR2**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized**Storage**
-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally 5-8% Mannitol or trehalose is added as a protectant before lyophilization.**Human CellExp CD306 / LAIR2, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp CD306 / LAIR2, human recombinant protein - Images

Human CellExp CD306 / LAIR2, human recombinant protein - Background

Leukocyte-associated immunoglobulin-like receptor 2 (LAIR2) is also known as CD antigen CD306. LAIR2 contains one Ig-like C2-type (immunoglobulin-like) domain. LAIR2 is a member of the immunoglobulin superfamily and was identified by its similarity to LAIR1, an inhibitory receptor present on mononuclear leukocytes. LAIR2 / CD306 is thought to be secreted and may help modulate mucosal tolerance.

Human CellExp CD306 / LAIR2, human recombinant protein - References

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