

Human LAIR2 / CD306 Protein, His Tag

Catalog # LA2-H5220



BIOSYSTEMS
Acro

Synonyms

LAIR2, CD306

Source

Human LAIR-2, His Tag (LA2-H5220) is expressed from human 293 cells (HEK293). It contains AA Gln 22 - Pro 152 (Accession # [AAH69366](#)).

Predicted N-terminus: Gln 22

Molecular Characterization

LAIR-2(Gln 22 - Pro 152)
AAH69366

Poly-his

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 14.9 kDa. The protein migrates as 18-20 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Shipping and Storage

This product is shipped at ambient temperature.

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

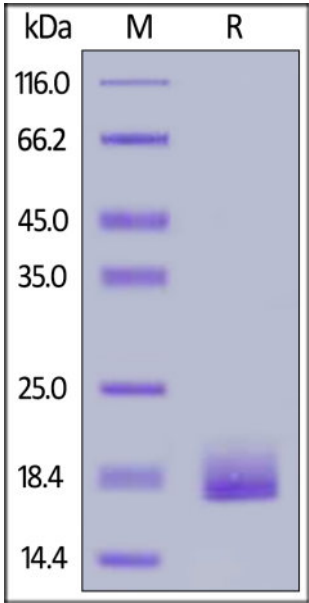
This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

ACRO Quality Management System

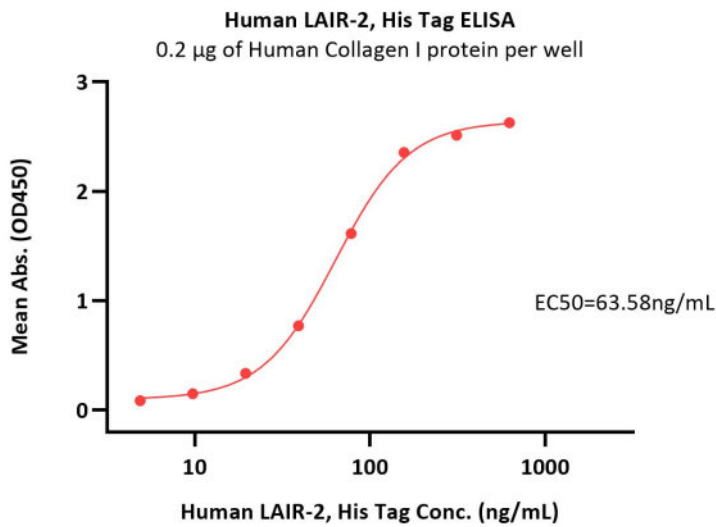
- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

SDS-PAGE



Human LAIR-2, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-ELISA



Immobilized Human Collagen I protein at 2 µg/mL (100 µL/well) can bind Human LAIR-2, His Tag (Cat. No. LA2-H5220) with a linear range of 5-78 ng/mL (QC tested).

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.

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