

Recombinant human LAIR2 protein ab182705

[1 References](#) [3 Images](#)

Description

Product name	Recombinant human LAIR2 protein
Biological activity	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 ab182705 coated plates (50 µg/ml with 100 µl/well), approximately >40% cells will adhere after 10 minutes at 37°C.
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u>Q6ISS4</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	QEGALPRPSISAEPGTVISPGSHVTFMCRGPVGVQTFRLE REDRAKYKDS YNVFRLLGPSESEARFHIDSVSEGNAGLYRCLYKPPGWS EHSDFLELLVK ESSGGPDSPDTEPGSSAGTVPGTEASGFDAP
Predicted molecular weight	15 kDa including tags
Amino acids	22 to 152
Tags	His tag C-Terminus
Additional sequence information	AAH69366

Specifications

Our **Abpromise guarantee** covers the use of **ab182705** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies
	SDS-PAGE

Form

Lyophilized

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at 4°C prior to reconstitution. Store at -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

pH: 7.40

Constituents: PBS, 5% Trehalose

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

General Info

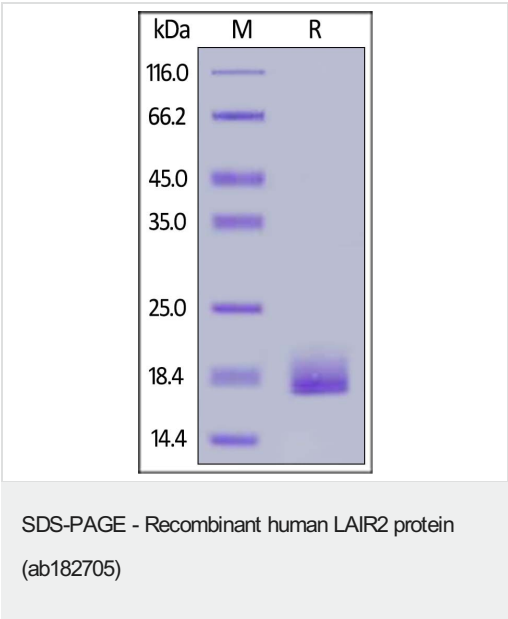
Sequence similarities

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

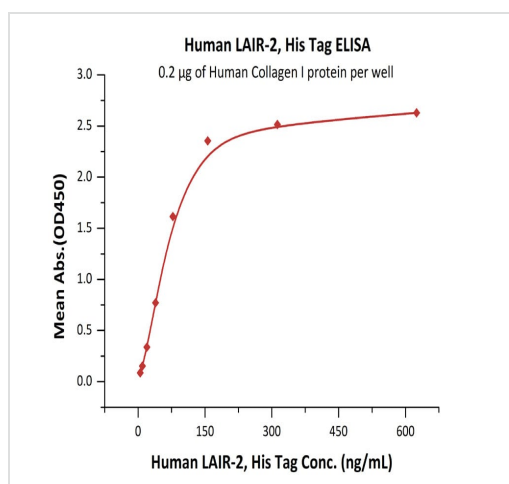
Cellular localization

Secreted.

Images

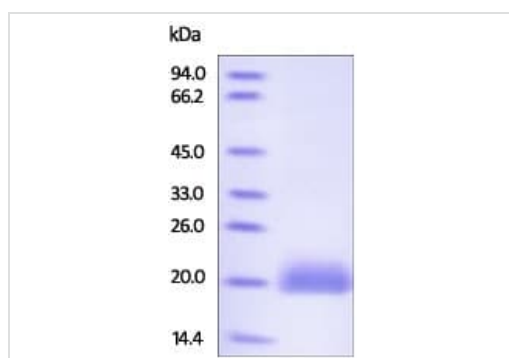


Human LAIR-2, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.



Immobilized Human Collagen I protein at 2 µg/mL (100 µL/well) can bind Human LAIR-2, His Tag with a linear range of 5-78 ng/mL.

Functional Studies - Recombinant human LAIR2 protein (ab182705)



DTT-reduced SDS-PAGE analysis of ab182705 stained overnight with Coomassie Blue.

SDS-PAGE - Recombinant human LAIR2 protein (ab182705)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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