

Product datasheet

Recombinant human LAIR2 protein ab182705

1 References 3 Images

Description

Product name	Recombinant human LAIR2 protein	
Biological activity	<p>Measured by the ability of the immobilized protein to support the adhesion of HT-29 human colon adenocarcinoma cells.</p> <p>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.</p>	
Purity	> 95 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	Q6ISS4	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>QEGALPRPSISAEPGTVISPGSHVTFMCRGPVGVQTFRLE REDRAKYKDS YNVFRLGPSESEARFHIDSVSEGNAGLYRCLYKPPGWS EHSDFLELLVK ESSGGPDPDTEPGSSAGTVPGTEASGFDAP</p>	
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

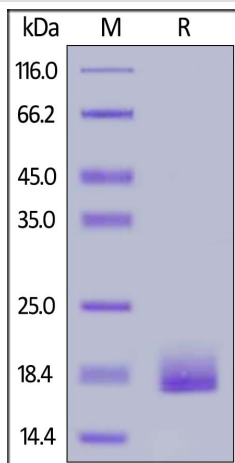
Sequence similarities

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

Cellular localization

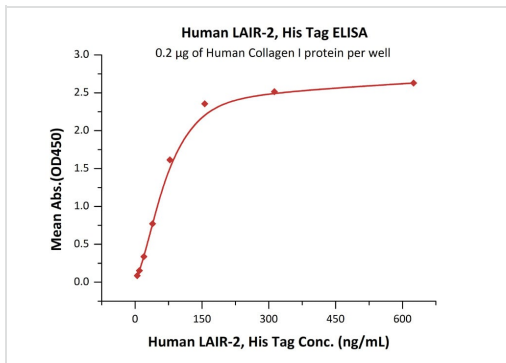
Secreted.

Images



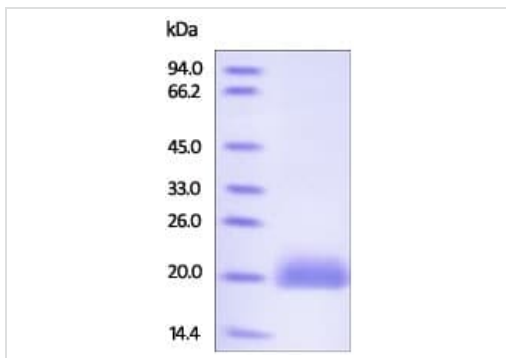
Human LAIR-2, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SDS-PAGE - Recombinant human LAIR2 protein
(ab182705)



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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