SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Antibody Discovery - Human LAIR2 / CD306 (22-152) Membrane Protein, Partial, -His -Avi tag, [Biotin]

Cat. No.: **MP0608F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human LAIR2 / CD306 (22-152). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
LAIR2 / CD306

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 17.8 kDa. The protein migrates as 25-28 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Gln 22 - Pro 152 (Accession # Q6ISS4-1).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA

Expression Systems
HEK293

Tag
His tag at the C-terminus, followed by an Avi tag.

Protein Format
Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

Biotin

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

LAIR2 / CD306

Full Name

leukocyte associated immunoglobulin like receptor 2

Introduction

The protein encoded by this gene is a member of the immunoglobulin superfamily. It was identified by its similarity to leukocyte-associated immunoglobulin-like receptor 1, a membrane-bound receptor that modulates innate immune response. The protein encoded by this locus is a soluble receptor that may play roles in both inhibition of collagen-induced platelet aggregation and vessel formation during placental implantation. This gene maps to a region of 19q13.4, termed the leukocyte receptor cluster, which contains 29 genes in the immunoglobulin superfamily. Alternatively spliced transcript variants have been described for this gene.

Alternative Names

CD306; leukocyte-associated immunoglobulin-like receptor 2; LAIR-2; leukocyte-associated Ig-like receptor-2

Gene ID

3904

UniProt ID

Q6ISS4