

Datasheet for ABIN7597411

**LAIR2 Protein (AA 22-152) (Fc Tag)**[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	LAIR2
Protein Characteristics:	AA 22-152
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LAIR2 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant human LAIR2 Protein with C-terminal human Fc tag
Sequence:	LAIR2(Gln22-Pro152) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	LAIR2
Alternative Name:	LAIR2 ( <a href="#">LAIR2 Products</a> )
Background:	<p>CD306</p> <p>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</p>

## Target Details

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. [provided by RefSeq, Sep 2013]

**Molecular Weight:** predicted molecular mass of 40.2 kDa after removal of the signal peptide. The apparent molecular mass of LAIR2-hFc is 35-55 kDa due to glycosylation.

**UniProt:** [Q6ISS4](#)

## Application Details

**Application Notes:** Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

**Comment:** The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months