PRODUCT INFORMATION

Target	LAIR2
Synonyms	CD306
Description	Recombinant human LAIR2 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q6ISS4
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	LAIR2(Gln22-Pro152) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 40.2 kDa after removal of the signal peptide. The apparent molecular mass of LAIR2-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	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. [provided by RefSeq, Sep 2013]
Usage	Research use only
Conjugate	Unconjugated

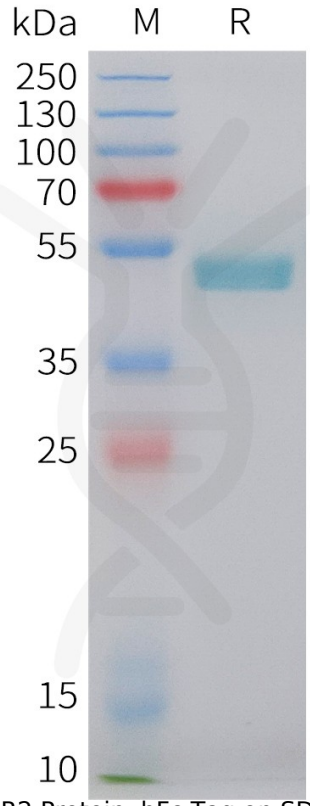

Figure 1. Human LAIR2 Protein, hFc Tag on SDS-PAGE under reducing condition.