Active Recombinant Human LAIR2 protein, His-Avi-tagged, Biotinylated

Cat. No. LAIR2-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human LAIR2 protein(Gln 22 - Pro 152), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-152 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Collagen I protein at 2 μg/mL (100 μL/well) can bind Biotinylated Human LAIR-2, His,Avitag with a linear range of 2-78 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).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.
Proteinlength	Gln22-Pro152
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	LAIR2 leukocyte-associated immunoglobulin-like receptor 2 [Homo sapiens]
Official Symbol	LAIR2
Synonyms	LAIR2; leukocyte-associated immunoglobulin-like receptor 2; leukocyte associated Ig like receptor 2; CD306; LAIR-2; leukocyte-associated Ig-like receptor 2; leukocyte-associated Ig-like receptor-2; MGC71634;
Gene ID	3904
mRNA Refseq	NM_002288
Protein Refseq	NP_002279
MIM	602993
UniProt ID	Q6ISS4

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