

LAIR1/CD305 recombinant protein

Biotinylated Human LAIR1/CD305 Protein Recombinant

CATALOG #	HOST
AAA76261	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

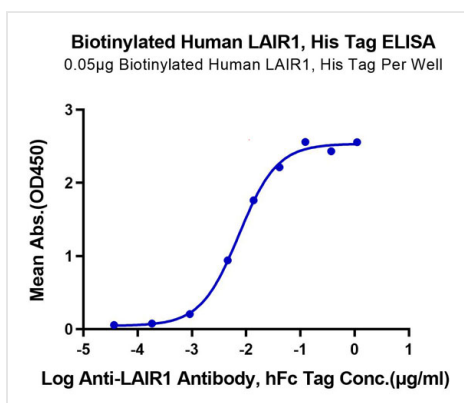
PRODUCT SYNONYMS

LAIR1/CD305; Biotinylated Human LAIR1/CD305 Protein Recombinant; LAIR1/CD305 recombinant protein

PRODUCT SPECIFICATIONS

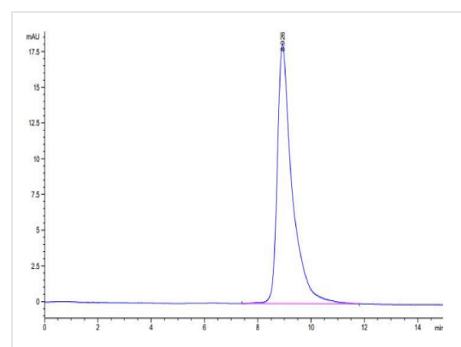
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human LAIR1/CD305 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human LAIR1/CD305 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Biological Process	Immunity, Receptor
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



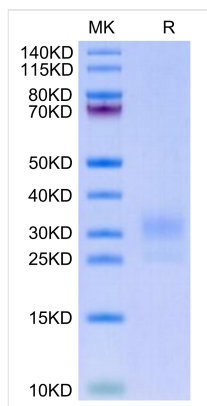
ELISA

Biotinylated Human LAIR1/CD305 Protein ELISA Data: Immobilized Biotinylated Human LAIR1, His Tag at 0.5 µg/ml (100% I/Well) on streptavidin (5 µg/ml) precoated plate. Dose response curve for Anti-LAIR1 Antibody, hFc Tag with the EC50 of 7.3 ng/ml determined by ELISA.



Application Data

Biotinylated Human LAIR1/CD305 Protein SEC-HPLC: The purity of Biotinylated Human LAIR1 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human LAIR1/CD305 Protein Tris-Bis PAGE Biotinylated Human LAIR1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for LAIR1/CD305 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	612407867
NCBI GeneID	3903
NCBI Accession #	NP_001275952.2
NCBI GenBank Nucleotide #	NM_001289023.2
UniProt Accession #	Q6GTX8
Molecular Weight	23,049 Da
NCBI Official Full Name	leukocyte-associated immunoglobulin-like receptor 1 isoform c
NCBI Official Synonym Full Names	leukocyte-associated immunoglobulin-like receptor 1
NCBI Official Symbol	LAIR1
NCBI Official Synonym Symbols	CD305; LAIR-1
NCBI Protein Information	leukocyte-associated immunoglobulin-like receptor 1; leukocyte-associated Ig-like receptor 1
UniProt Protein Name	Leukocyte-associated immunoglobulin-like receptor 1
UniProt Gene Name	LAIR1
UniProt Synonym Gene Names	CD305; LAIR-1; hLAIR1
UniProt Entry Name	LAIR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/lair1-recombinant-protein-hek293-cells/76261>