

Active Recombinant Human LAIR2 protein, His-tagged

Cat. No. LAIR2-793H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LAIR2 protein(NP_002279.2) (Met 1- 152) with a C-terminal polyhistidine tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-152 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of HT-29 human colon adenocarcinoma cells. When 1 x 10E4 cells/well are added to Recombinant Human LAIR2 coated plates (50 µg/ml with 100 µl/well), apximately >40% cells will adhere after 10 minutes at 37°C. Optimal concentration depends on cell type as well as the application or research objectives.
Molecular Mass	The secreted recombinant human LAIR2 comprises 142 amino acids with a predicted molecular mass of 15.5 kDa. As a result of glycosylation, rhTIMP1 migrates as an apximately 20 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE

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Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_002279.2
Unit ID	Q6ISS4
Unit ID-Weblink	http://www.uniprot.org/uniprot/Q6ISS4
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

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