

Active Recombinant Human LAIR2, His-tagged

Cat. No. LAIR2-743H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAIR2 (Accession # NP_002279) Gln22-Pro152, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	22-152 a.a.
Predicted N Terminal	No results obtained: Gln22 predicted & Thr37
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of HT-29 human colon adenocarcinoma cells. When 5×10^4 cells/well are added to rhLAIR-2 coated plates (50 µg/mL with 100 µl/well), approximately 40% - 60% will adhere after 10 minutes at 37° C. Optimal concentration depends on cell type as well as the application or research objectives.
Molecular Mass	Recombinant Human LAIR2, His-tagged has a calculated MW of 14.9 kDa. In SDS-PAGE migrates as 20 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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
Chromosome Location	19q13.4

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