

Active Recombinant Human LILRB2 protein, Fc-tagged

Cat. No. LILRB2-345H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LILRB2 protein(AAH36827.1) (Met1-Val461) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-461 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to support the adhesion of HSB2 human peripheral blood acute lymphoblastic leukemia cells. When 8 x 10E4 cells/well are added to LILRB2 coated plates (4.4 µg/mL with 100 µL/well), approximately >45% cells will adhere for 1 hour incubation at 37°C.
Molecular Mass	The recombinant human LILRB2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 681 amino acids and has a predicted molecular mass of 74.8 kDa. The apparent molecular mass of the protein is approximately 93 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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.

GENE INFORMATION

Gene Name LILRB2 leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2 [Homo sapiens]

Official Symbol LILRB2

Synonyms LILRB2; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2; leukocyte immunoglobulin-like receptor subfamily B member 2; CD85d; ILT4; LIR 2; LIR2; MIR 10; MIR10; ILT-4; Ig-like transcript 4; immunoglobulin-like transcript 4; CD85 antigen-like family member D; leukocyte immunoglobulin-like receptor 2; monocyte/macrophage immunoglobulin-like receptor 10; leukocyte immunoglobulin-like receptor subfamily B member 2 soluble isoform; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 6; CD85D; LIR-2; LILRA6; MIR-10;

Gene ID 10288

mRNA Refseq NM_001080978

Protein Refseq NP_001074447

MIM 604815

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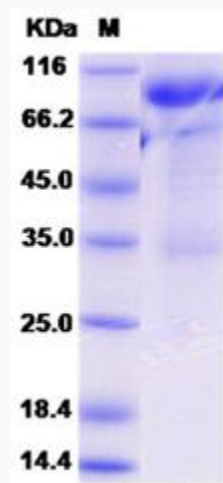
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UniProt ID

Q8N423

SDS-PAGE



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