Active Recombinant Human LILRB1 protein, Fc-tagged

Cat. No. LILRB1-0334H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LILRB1 protein(Gly24-His458), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-458 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Biotinylated Human HLA-G & B2M Heterodimer Protein, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Human LILRB1, Fc Tag with a linear range of 2-39 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 73.8 kDa. The protein migrates as 90-105 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gly24-His458
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>92% as determined by SDS-PAGE. >95% as determined by SEC-MALS.

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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.

GENE INFORMATION

Gene Name	LILRB1 leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1 [Homo sapiens]
Official Symbol	LILRB1
Synonyms	LILRB1; leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1; leukocyte immunoglobulin-like receptor subfamily B member 1; CD85; CD85j; ILT2; LIR 1; LIR1; MIR 7; ILT-2; CD85 antigen; Ig-like transcript 2; leukocyte Ig-like receptor-1; immunoglobulin-like transcript 2; CD85 antigen-like family member J; leukocyte immunoglobulin-like receptor 1; monocyte/macrophage immunoglobulin-like receptor 7; leukocyte immunoglobulin-like receptor subfamily B member 1 soluble isoform; MIR7; CD85J; LIR-1; MIR-7; FLJ37515;
Gene ID	10859
mRNA Refseq	NM_001081637
Protein Refseq	NP_001075106
MIM	604811

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UniProt ID	Q8NHL6

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