

Human CellExp CD85J/LILRB1, human recombinant protein
CD85J, LILRB1, CD85, ILT2, LIR1, MIR7
Catalog # PBV11112r**Specification**

Human CellExp CD85J/LILRB1, human recombinant protein - Product infoPrimary Accession
Calculated MW[Q8NHL6](#)

This protein is fused with Fc fragment of human IgG1 at the C-terminus, has a calculated MW of 73.8 kDa. The predicted N-terminus is Gly 24. DTT-reduced Protein migrates as 90-110 kDa due to glycosylation. KDa

Human CellExp CD85J/LILRB1, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
CD85J, LILRB1, CD85, ILT2, LIR1, MIR7**10859**
LILRB1Gene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥95%
N/A;
Yes
Measured by its ability to support the adhesion of HSB2 human peripheral blood acute lymphoblastic leukemia cells. Immobilized rhCD85J / LILRB1 Fc Chimera at 10 µg/mL, 100 µL/well can support 60-80% HSB2 cell adhesion, when 100000 cells were added in each well of a 96-well plate.

Target/Specificity
CD85J/LILRB1**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized**Storage**

-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

Human CellExp CD85J/LILRB1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp CD85J/LILRB1, human recombinant protein - Images

Human CellExp CD85J/LILRB1, human recombinant protein - Background

CD85 antigen-like family member J (CD85J) also known as Leukocyte immunoglobulin-like receptor subfamily B member 1 (LILRB1 or LIR-1), Immunoglobulin-like transcript 2 (ILT-2), Monocyte/macrophage immunoglobulin-like receptor 7 (MIR7), which belongs to leukocyte immunoglobulin-like receptor (LIR) family. CD85J / LILRB1 Contains 4 Ig-like C2-type (immunoglobulin-like) domains. CD85J / LIR-1 is expressed predominantly on B-cells and monocytes. CD85J is receptor for class I MHC antigens and recognizes a broad spectrum of HLA-A, HLA-B, HLA-C and HLA-G alleles and is also receptor for H301/UL18, a human cytomegalovirus class I MHC homolog. Ligand binding results in inhibitory signals and down-regulation of the immune response. CD85J / LILRB1 interaction with HLA-B or HLA-E leads to inhibition of the signal triggered by FCER1A and inhibits serotonin release. CD85J / LILRB1 inhibits FCGR1A-mediated phosphorylation of cellular proteins and mobilization of intracellular calcium ions.

Human CellExp CD85J/LILRB1, human recombinant protein - References

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