

# Recombinant Human Leukocyte Ig-Like Receptor B1/ LILRB1/ILT2/CD85j (C-Fc)



Catalog Number:PKSH033978

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

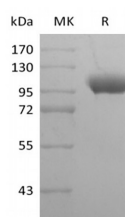
## Description

<b>Synonyms</b>	Leukocyte Immunoglobulin-Like Receptor Subfamily B Member 1;LIR-1;Leukocyte Immunoglobulin-Like Receptor 1;CD85 Antigen-Like Family Member J;Immunoglobulin-Like Transcript 2;ILT-2;Monocyte/Macrophage Immunoglobulin-Like Receptor 7;MIR-7;CD85j;LILRB1;ILT2;LIR1;MIR7
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Gly24-His458
<b>Accession</b>	D9IDM8
<b>Calculated Molecular Weight</b>	74.1 kDa
<b>Observed molecular weight</b>	100-120 kDa
<b>Tag</b>	C-Fc

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

The immunoglobulin-like transcript (ILT) family (also named leukocyte Ig-like receptors (LIR) and monocyte/macrophage Ig-like receptors (MIR)) can be activating and inhibitory immunoreceptors. ILTs are expressed on many leukocyte subsets and regulators of immune responses. ILTs share significant homology with killer cell Ig-like receptors (KIR). Except ILT-6, all ILT family members are type I transmembrane proteins having two or four extracellular Ig-like domains. ILT2 is expressed on most monocytes, dendritic cells, and mature B cells. ILT2 is also

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expressed on small percentages of T-cells and NK cells. ILT2 can prevents cellular activation.

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