

Recombinant Human LILRB5 protein, His-tagged

Cat. No. LILRB5-0629H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LILRB5 protein (Gly24-Gly458), fused to His tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	435
Description	Leukocyte immunoglobulin-like receptor subfamily B member 5 (LILRB5), also known as CD85c and LIR-8, belongs to the leukocyte immunoglobulin-like receptor (LIR) family of transmembrane glycoproteins that negatively regulate immune cell activation. Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response.
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 49.2 kDa. The protein migrates as 66-68 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per ug by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20 centigrade to -70 centigrade for 12 months in lyophilized state;

-70 centigrade 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

[LILRB5](#)

Official Symbol

[LILRB5](#)

Synonyms

LIR8; CD85C; LIR-8

Gene ID

[10990](#)

mRNA Refseq

[NM_006840.5](#)

Protein Refseq

[NP_006831.2](#)

MIM

[604814](#)

UniProt ID

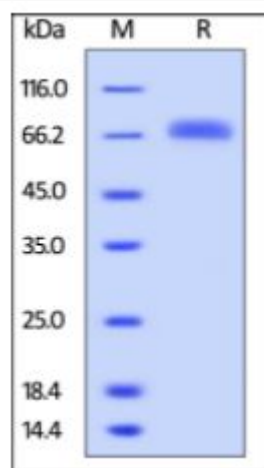
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**SDS-PAGE of
LILRB5-0629H**



Human LILRB5, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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