

**Synonym**

LILRB5,CD85c,LIR-8

**Source**

Human LILRB5, His Tag (CDC-H5220) is expressed from human 293 cells (HEK293). It contains AA Gly 24 - Gly 458 (Accession # [NP\\_006831](#)).

Predicted N-terminus: Gly 24

**Molecular Characterization**

LILRB5(Gly 24 - Gly 458)  
NP\_006831 Poly-his

This protein carries a polyhistidine tag at the C-terminus.

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 µg by the LAL method.

**Purity**

>95% as determined by SDS-PAGE.

**Formulation**

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Contact us for customized product form or formulation.

**Reconstitution**

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

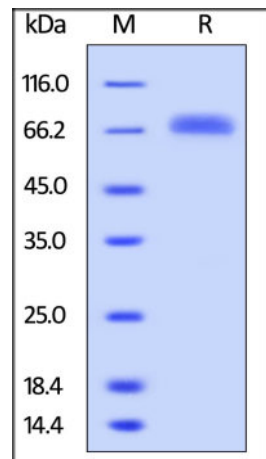
**Storage**

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

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

**SDS-PAGE**

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%.

**Background**

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.

**Clinical and Translational Updates**

Please contact us via [TechSupport@acrobiosystems.com](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.