

RP01436B

Leader in Biomolecular Solutions for Life Science



Biotinylated Recombinant Human LILRB3/ILT-5/CD85a Protein

Catalog No.: RP01436B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	11025	O75022-1

Tags

C-His&Avi

Synonyms

CD85a; ILT5; ILT-5; LILRB3; LIR3;
LIR3CD85A; LIR-3MGC138403; PIRB;
HL9

Product Information

Source

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Background

Leukocyte immunoglobulin-like receptor subfamily B (LILRB3), also known as ILT5, LIR3, and CD85a, is an immunoglobulin superfamily member that is involved in immune regulation. Subfamily B members have cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs) that inhibit signaling events via phosphatase SHP-1. LILRB3 may act as receptor for class I MHC antigens. Becomes activated upon coligation of LILRB3 and immune receptors, such as FCGR2B and the B-cell receptor.

Basic Information

Description

Biotinylated Recombinant Human LILRB3/ILT-5/CD85a Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gly24-Glu443) of Human LILRB3 fused with a His and Avi tag at the C-terminal.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

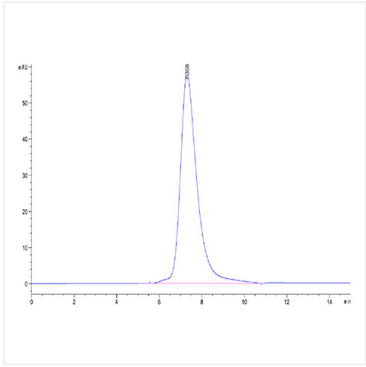
Store at -20°C
Avoid repeated freeze/thaw cycles.

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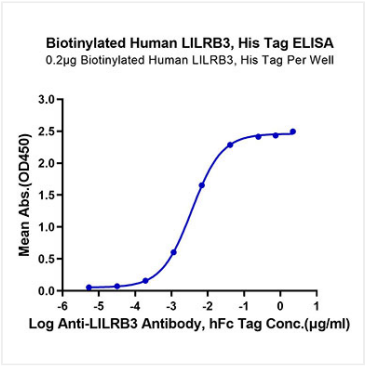
Contact



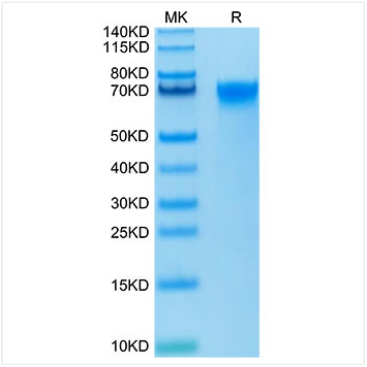
www.abclonal.com



The purity of Biotinylated Human LILRB3 is greater than 95% as determined by SEC-HPLC.



Immobilized Biotinylated Human LILRB3, His Tag at 2μg/ml (100μl/well) on the streptavidin precoated plate (5μg/ml). Dose response curve for Anti-LILRB3 Antibody, hFc Tag with the EC₅₀ of 3.6ng/ml determined by ELISA.



Biotinylated Recombinant Human LILRB3/ILT-5/CD85a Protein was determined by Tris-Bis PAGE under reducing conditions.