

Biotinylated Recombinant Human LILRB3/ILT-5/CD85a Protein

Catalog No.: RP01436B **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	11025	O75022-1

Tags

C-His&Avi

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-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

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.

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

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

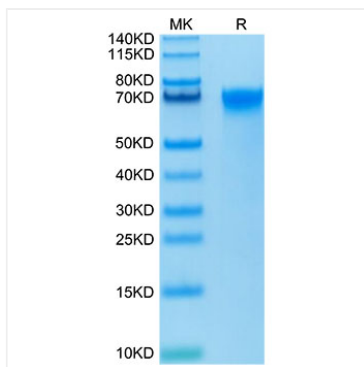
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

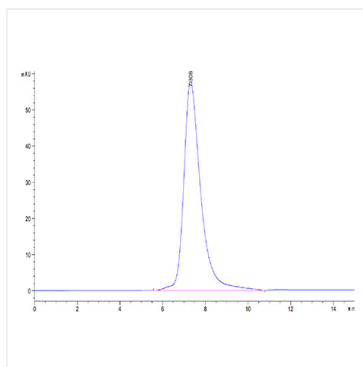
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

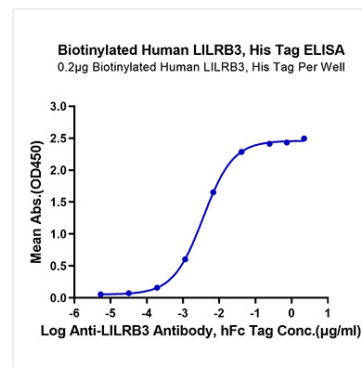
Validation Data



Biotinylated Human LILRB3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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.