Recombinant Human LILRB4/ILT-3/CD85k Protein

Catalog No.: RP01155

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Sequence Information

Species
Human

Gene ID
11006

Swiss Prot
Q8NHJ6

Tags
C-hFc&His

Synonyms
LILRB4,CD85K,ILT-3,ILT3,LIR-5, LIR5

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
53.05 kDa

Observed MW
60-70 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Human LILRB4/ILT-3/CD85k Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln22-Glu259) of human LILRB4/CD85k/ILT3 (Accession #NP_001265356.2) fused with an Fc, 6×His tag at the C-terminus.

Activity
1.Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human ANGPTL7 at 5 μg/mL (100 μL/well) can bind Recombinant Human LILRB4 with a linear range of 0.9-3.8 μg/mL.
2.Measured by its binding ability in a functional ELISA. Immobilized Human LILRB4 Protein at 1μg/mL (100 μL/well) can bind LILRB4 Rabbit pAb with a linear range of 0.03-3.93 ng/mL.

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.

Storage
Store at -20℃

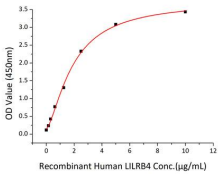
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

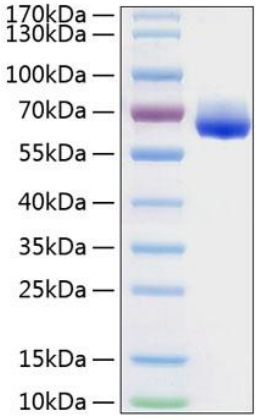
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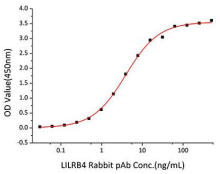
Validation Data



Immobilized Recombinant Human ANGPTL7 at 5μg/mL (100 μL/well) can bind Recombinant Human LILRB4 with a linear range of 0.9-3.8 μg/mL.



Recombinant Human LILRB4/ILT-3/CD85k Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human LILRB4 Protein at 1μg/mL (100 μL/well) can bind LILRB4 Rabbit pAb with a linear range of 0.03-3.93 ng/mL.