

# Recombinant Human LILRB4/ILT-3/CD85k Protein

Catalog No.: RP01185 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	11006	Q8NHJ6

### Tags

C-His

### Synonyms

LILRB4;CD85K;ILT-3;ILT3;LIR-5;LIR5

## Product Information

Source	Purification
HEK293 cells	> 92% by SDS-PAGE.

Calculated MW	Observed MW
27.10 kDa	38-40 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 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

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## 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 a 6×His tag at the C-terminus.

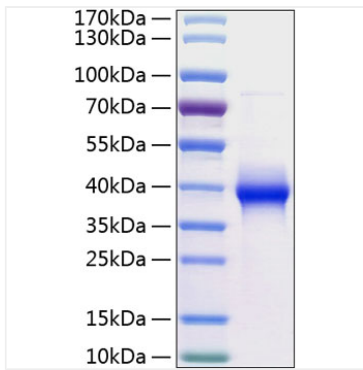
#### Bio-Activity

1. Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human LILRB4 at 5 μg/mL (100 μL/well) can bind Recombinant Human ANGPTL7 with a linear range of 0.12-0.5 μg/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Human LILRB4 Protein at 1 μg/mL (100 μL/well) can bind LILRB4 Rabbit pAb with a linear range of 0.03-1.4 ng/mL.

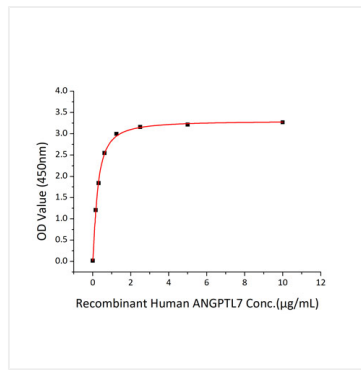
#### Storage

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.

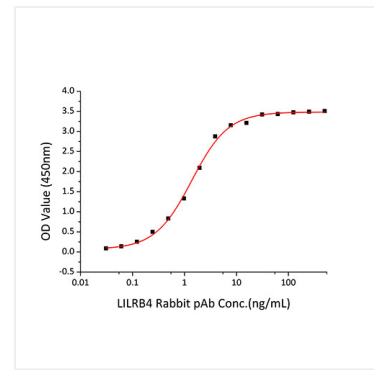
## Validation Data



Recombinant Human LILRB4/ILT-3/CD85k Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 38-40 kDa.



Immobilized Recombinant Human LILRB4 at 5µg/mL (100 µL/well) can bind Recombinant Human ANGPTL7 with a linear range of 0.12-0.5 µg/mL.



Immobilized Human LILRB4 Protein at 1µg/mL (100 µL/well) can bind LILRB4 Rabbit pAb with a linear range of 0.03-1.4 ng/mL.