# Recombinant Human LILRB4/ILT-3/CD85k Protein

Catalog No.: RP01185 Recombinant

### **Sequence Information**

## Background

**Basic Information** 

Description

the C-terminus.

Species	Gene ID	Swiss Prot
Human	11006	Q8NHI6

Tags

C-His

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

# Product Information

Source	Purification
HEK293 cells	≥ 90 % as
	determined 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 stablizer (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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#### **Bio-Activity** 1.Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human LILRB4 at 5 $\mu$ g/mL (100 $\mu$ L/well) can bind Recombinant Human ANGPTL7 with a linear range of 0.12-0.5 $\mu$ g/mL.|2.Measured by its binding ability in a functional ELISA. Immobilized Human LILRB4 Protein at 1 $\mu$ g/mL (100 $\mu$ L/well) can bind LILRB4 Rabbit pAb with a linear range of 0.03-1.4 ng/mL.

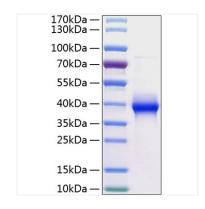
Recombinant Human LILRB4/ILT-3/CD85k Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln22-Glu259) of human LILRB4/CD85k/ILT3 (Accession #NP\_001265356.2) fused with a 6×His tag at

#### Storage

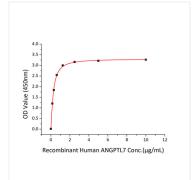
Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

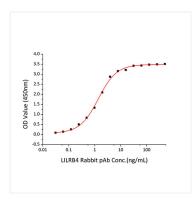




Recombinant Human LILRB4/ILT-3/CD85k Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Human LILRB4 at  $5\mu$ g/mL (100  $\mu$ L/well) can bind Recombinant Human ANGPTL7 with a linear range of 0.12-0.5  $\mu$ g/mL.



Immobilized Human LILRB4 Protein at 1 $\mu$ g/mL (100  $\mu$ L/well) can bind LILRB4 Rabbit pAb with a linear range of 0.03-1.4 ng/mL.