

Recombinant Human LILRA5/ILT-11/CD85f Protein

Catalog No.: RP01318

Sequence Information

Species **Gene ID**
Human 353514

Swiss Prot **Tags**
A6NI73 C-His

Synonyms

CD85,CD85F,ILT-11,ILT11,LILRB7,
LIR-9,LIR9,LILRA5

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
26.09 kDa 35–45 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.

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.

Background

LILRA5 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LILR are a family of receptors possessing extracellular immunoglobulin domains. They are also known as CD85, ILTs, and can exert immunomodulatory effects on a wide range of immune cells. ILT-11 contains 2 Ig-like C2-type (immunoglobulin-like) domains. It can be detected in tissues of the hematopoietic system, including bone marrow, spleen, lymph node, and peripheral leukocytes. Crosslink of ILT-11 on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses.

Basic Information

Description

Recombinant Human LILRA5/ILT-11/CD85f Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly42–Arg268) of Human LILRA5 (Accession #NP_067073.1) fused with an 6×His tag at the C-terminus.

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.

Storage

Store at -20°C

Operational Notes

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

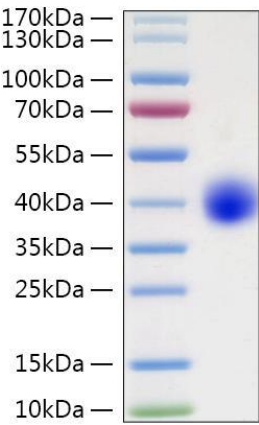
Contact

☎ | 400-999-6126

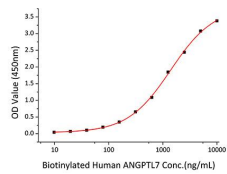
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Validation Data



Recombinant Human LILRA5/ILT-11/CD85f Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human LILRA5/CD85f Protein at 5µg/mL (100 µL/well) can bind Biotinylated Human ANGPTL7 with a linear range of 0.01~1.4 µg/mL.