For Research Use Only

Recombinant Human LILRA5/CD85f protein (rFc Tag) (HPLC verified)

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Catalog Number: Eg2737

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE
 >90 %, SEC-HPLC

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE
 >90 %, SEC-HPLC

Endotoxin Level:
<0.1 EU/ μg protein, LAL method

Source:
HEK293-derived Human LILRA5 protein Gly42-Arg268 (Accession# A6NI73-1) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
353514

Accession:
A6NI73-1

Predicted Molecular Mass:
51.3 kDa

SDS-PAGE:
55-65 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20℃ to -80℃ as lyophilized proteins.
- 3 months, -20℃ to -80℃ under sterile conditions after reconstitution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

LILRA5 (Leukocyte immunoglobulin-like receptor A5) belongs to a family of receptors known to regulate leukocyte activation. The transmembrane forms of LILRA5 contain a short cytoplasmic domain and a charged arginine residue within the transmembrane region that is likely to mediate its association with a yet-to-be identified ITAM-containing adaptor protein.LILRA5 is mostly expressed by monocytes and neutrophils.

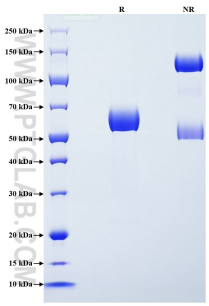
References

1. Ainslie Mitchell. et al. (2008). Eur J Immunol. 38(12):3459-3473.
2. Luis Borges. et al. (2003). Blood. 101(4):1484-1486.

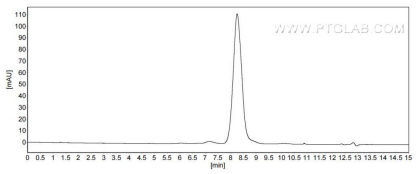
Synonyms

LILRA5, CD85, CD85 antigen-like family member F, CD85f, ILT 11

Selected Validation Data



Purity of Recombinant Human LILRA5 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.



The purity of Human LILRA5 was greater than 90% as determined by SEC-HPLC.