

For Research Use Only

Recombinant Human IL-22RA2 protein (rFc Tag)



Catalog Number: Eg2825

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ µg protein, LAL method

Source:

HEK293-derived Human IL-22RA2 protein Thr22-Pro231 (Accession# Q969J5-2) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

116379

Accession:

Q969J5-2

Predicted Molecular Mass:

50.7 kDa

SDS-PAGE:

62-80 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°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C 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

The IL-22 binding protein (IL-22BP) is encoded by the IL22RA2 gene. IL-22BP has been shown to be expressed by distinct dendritic cell populations in mesenteric lymph nodes and the gut of rodents. It has also been recently shown that IL-22BP expressed by T cells plays an important role for IBD development in humans and IBD mouse models.

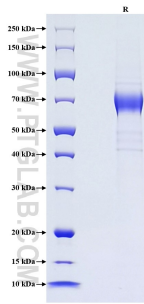
References

1. Martin JC. et al. (2014). Mucosal Immunol. 7:101–113.
2. Huber S. et al. (2012). Nature. 491:259–263.
3. Pelczar P. et al. (2016). Science. 354:358–362.

Synonyms

IL22RA2, CRF2 10, CRF2 S1, CRF2-10, CRF2-S1

Selected Validation Data



Purity of Recombinant Human IL-22RA2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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