

Recombinant Human CD207 protein (rFc Tag)

Catalog Number: Eg2333

Basic Information

Species:
Human**Purity:**
>90 %, SDS-PAGE**Tag:**
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<1.0 EU/ µg protein, LAL method

Source:

HEK293-derived Human CD207 protein Pro65-Pro328 (Accession# Q9UJ71) with a rabbit IgG Fc tag at the N-terminus.

GeneID:

50489

Accession:

Q9UJ71

Predicted Molecular Mass:

57.0 kDa

SDS-PAGE:**Formulation:**

Lyophilized from sterile 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

CD207 protein (also known as langerin protein) is encoded by the CD207 gene and is a type of C-type lectin receptor that is specifically expressed on the surface of LCs. It is one of the specific immunohistochemical markers of LCs. CD207 plays an important role in a series of non-classical antigen processing processes, such as forming Birbeck granules and processing and transporting them to local lymphoid tissue, and inducing LC maturation.

References

1. Zhang, Dong et al. Clinical, cosmetic and investigational dermatology vol. 16 1607-1613.
2. Raaby, Line et al. Experimental dermatology vol. 26,9 (2017): 804-810.
3. Thornton, Shantae M et al. Cells vol. 9,4 974.

Synonyms

Langerin, CD207 molecule, langerin, CLEC4K, C-type lectin domain family 4 member K

Selected Validation Data

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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