

# PRODUCT DATA SHEET



Bioworld Technology, Inc.

## CD207 Recombinant Protein

Catalog: NCP0340

Host: E.coli

Tag: His-tag

### BackGround:

Langerin (CD207) is a C-type lectin receptor whose expression is restricted mainly to dendritic cells in the skin including Langerhans cells in the epidermis and langerin+/CD103+ dermal dendritic cells. Langerin is found on the cell surface and within rod-shaped organelles called Birbeck granules, and its expression is required for the formation of Birbeck granules. Langerin recognizes carbohydrate motifs on the surface of pathogens, resulting in endocytosis of the pathogen into Birbeck granules, degradation of the pathogen, and antigen presentation to T cells.

### Product:

PBS, 4M Urea, PH7.4

### Molecular Weight:

~35kDa

### Swiss-Prot:

Q9UJ71

### Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the

purity is > 85% (by SDS-PAGE).

### Restriction Sites:

NdeI-XhoI

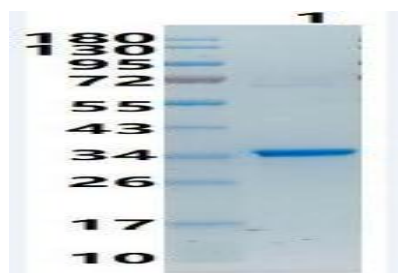
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Expression Vector:

pet-22b(+)

### DATA:



### Note:

For research use only, not for use in diagnostic procedure.

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