

# PRODUCT DATA SHEET

**COMPLEX**

Complex Biotech Co., Ltd

## CD369 Recombinant Protein

Catalog: BCP3452

Host: E.coli

Tag: His-tag

### BackGround:

Dectin-1 is a C-type lectin receptor expressed by macrophages, monocytes, dendritic cells, neutrophils, and a subset of  $\gamma\delta$  T cells. Dectin-1 is a glycoprotein with eight different isoforms, generated through alternative splicing. It plays an important role in anti-fungal immunity by acting as a pattern recognition receptor for  $\beta$ -glucans found on the cell wall of fungi and some bacteria. Dectin-1 is composed of a short amino-terminal cytoplasmic domain containing an ITAM-like motif, a transmembrane domain, and an extracellular carboxy-terminal C-type lectin domain. Dectin-1 recognizes  $\beta$ -glucans through its C-type lectin domain and transduces signals through its ITAM-like motif by recruiting and activating Syk. Dendritic cells activated through Dectin-1 promote differentiation of Th17 cells by producing IL-6 and IL-23.

### Product:

PBS, 4M Urea, PH7.4

### Molecular Weight:

~21kDa

### Swiss-Prot:

Q9BXN2

### 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

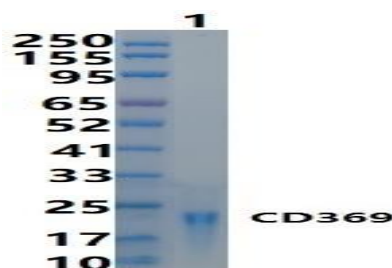
### Storage&Stability:

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.