

# PRODUCT DATA SHEET

**COMPLEX**

Complex Biotech Co., Ltd

## CD226/DNAM-1 Recombinant Protein

Catalog: BCP3324

Host: E.coli

Tag: His-tag

### BackGround:

DNAM-1/CD226 is a member of the immunoglobulin-like superfamily. It is expressed on T cells, natural killer (NK) cells, monocytes, and macrophages. It is a major activating receptor on NK cells. Engagement with its ligands Nectin-2 (CD112) and PVR (poliovirus receptor, also known as CD155) on the target cells leads to downstream activation of ERK, AKT, and PLC $\gamma$ 2 signaling pathways that are crucial for NK activation and NK-mediated killing. LFA-1 physically associates with DNAM-1/CD226 and contributes to its signaling. Activating signal of DNAM-1/CD226 is counterbalanced by inhibitory receptors TIGIT and CD96, competing for the common ligands CD122 and PVR.

### Product:

PBS, 4M Urea, PH7.4

### Molecular Weight:

~26kDa

### Swiss-Prot:

Q15762

### 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

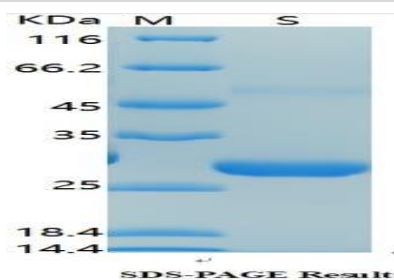
### Storage&Stability:

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.