## PRODUCT DATA SHEET



# Bioworld Technology, Inc.

# **CD300A Recombinant Protein**

Catalog: NCP0387 Host: E.coli Tag: His-tag

## **BackGround:**

CD300a is an inhibitory receptor in the Ig superfamily, a type I transmembrane protein containing immunoreceptor tyrosine-based inhibitory motifs (ITIMs) on its cytoplasmic tail. Human CD300a (CMRF-35H, IRp60) and mouse CD300a (CLM-8, LMIR-1, MAIR-I) are functional orthologs, expressed by monocytes, granulocytes, mast cells, and subsets of B cells. Human, but not mouse, CD300a is also expressed by unstimulated NK cells and subsets of T cells. Phosphorylated ITIMs are able to recruit different phosphatases, such as SHP-1 and SHP-2, leading to inhibition of cell activation.

#### **Product:**

PBS, 4M Urea, PH7.4

## **Molecular Weight:**

~23kDa

## **Swiss-Prot:**

Q9UGN4

## **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

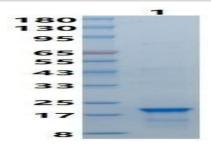
## Storage&Stability:

Store at  $4 \, \mathbb{C}$  short term. Aliquot and store at  $-20 \, \mathbb{C}$  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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## MADE IN CHINA

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