

PRODUCT DATA SHEET

Bioworld Technology,Inc.

CD327 Recombinant Protein

Catalog: NCP0328 Host: E.coli Tag: His-tag

BackGround:

Two families of mammalian lectin-like adhesion molecules, the selectins and the sialoadhesins, bind glycoconjugate ligands in a sialic acid-dependent manner. The sialic acid-binding immunoglobulin superfamily lectins, designated Siglecs or sialoadhesins, recognize sialylated ligands and play a key role in mediating sialic-acid dependent binding to cells. Siglec-6, also called obesitybinding protein 1, is an adhesion molecule that is highly expressed in placental trophoblasts, as well as in peripheral blood leukocytes. Siglec-6 can bind both

N-acetylneuraminic acid (Neu5Ac) and N-glycolylneuraminic acid (Neu5Gc), the two common sialic acids found in mammalian cells. Together with the other members of the Siglec family, Siglec-6 promotes cell-cell interactions and plays a roll in the innate and adaptive immune systems through glycan recognition.

Product:

PBS, 4M Urea, PH7.4

Molecular Weight:

~35kDa

Swiss-Prot:

043699

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

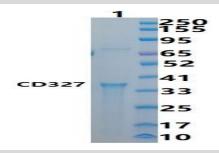
Storage&Stability:

Store at $4\,\mathrm{C}$ 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.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park,

MN 55416,USA.

Email: <u>info@bioworlde.com</u>

Tel: 6123263284 Fax: 6122933841 Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046,

P. R. China.

Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151