PRODUCT DATA SHEET

COMPLEX

Complex Biotech Co., Ltd

CD56 Recombinant Protein

Catalog:	BCP3506	Host:	E.coli	Tag:	His-tag

BackGround:

NCAM (neural cell adhesion molecule, CD56) is an adhesion glycoprotein with five extracellular immunoglobulin-like domains followed by two fibronectin type III repeats. Structural diversity is introduced by alternative splicing resulting in different cytoplasmic domains. NCAM mediates neuronal attachment, neurite extension and cell-cell interactions through homo and heterophilic interactions. PSA (polysialic acid) post-translationally modifies NCAM and increases the metastatic potential of small cell lung carcinoma, Wilms+ tumor, neuroblastoma and rhabdomyosarcoma. CD56 is commonly used along with CD3 and CD16 to identify human NK cells (Mouse NK cells do not express CD56). Human natural killer cells are CD3-CD56+. The large subset with high CD16 expression are mature cytotoxic natural killer cells, while those with low CD16 expression are immature precursors and cytokine producers.

Product:

PBS, 4M Urea, PH7.4

Molecular Weight:

~93kDa

Swiss-Prot:

P13591

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℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Expression Vector:

pet-22b(+)

DATA:

Note:

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

MADE IN CHINA