

PRODUCT DATA SHEET

COMPLEX

Complex Biotech Co., Ltd

CD244 Recombinant Protein

Catalog: BCP3325

Host: E.coli

Tag: His-tag

BackGround:

2B4, also known as signaling lymphocytic activation molecule family member 4 (SLAMF4) and cluster of differentiation 244 (CD244), is a heterophilic cell surface receptor expressed on a variety of immune cells, including natural killer (NK) cells, T cells, eosinophils, mast cells, and dendritic cells. 2B4 has been shown to have both immune stimulatory and inhibitory effects on cells. Upon engagement of its ligand CD48, 2B4 can enhance immune cell signaling, cytokine production, non-major histocompatibility complex-restricted cytotoxicity, and cell migration. Conversely, at early stages of NK cell differentiation, 2B4 may function as an inhibitory receptor possibly ensuring the self-tolerance of developing NK cells. 2B4 also inhibits inflammatory responses in dendritic cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product:

PBS, 4M Urea, PH7.4

Molecular Weight:

~25kDa

Swiss-Prot:

Q9BZW8

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

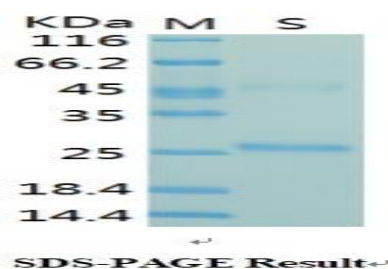
Storage&Stability:

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.