

PRODUCT DATA SHEET



Bioworld Technology, Inc.

CD267 Recombinant Protein

Catalog: NCP0339

Host: E.coli

Tag: His-tag

BackGround:

Transmembrane activator and calcium-modulating cyclophilin ligand interactor (TACI), also known as tumor necrosis factor receptor superfamily member 13B (TNFRSF13B) and cluster of differentiation 267 (CD267), is a single-pass type III membrane receptor that is highly expressed on the surface of mature innate-like B cells, such as marginal zone and B-1 B cells in mice, and memory B cells in humans. TACI/TNFRSF13B/CD267 is also expressed on the surface of activated T cells, while monocytes and dendritic cells express lower levels of TACI/TNFRSF13B/CD267 primarily intracellularly. TACI/TNFRSF13B/CD267 is the receptor for soluble ligands BAFF/TNFSF13B and APRIL/TNFSF13. Upon ligation, TACI/TNFRSF13B/CD267 recruits tumor necrosis factor receptor-associated factor (TRAF) family members and calcium signal-modulating cyclophilin ligand (CAMLG) in order to activate NFAT, NF- κ B, and AP-1 transcriptional programs. TACI/TNFRSF13B/CD267 is necessary for T cell-independent type II and type I responses, negative regulation of B cell and T follicular helper cell numbers, and promotion of class switch recombination in B cells. Mutations and aberrant regulation of TACI/TNFRSF13B/CD267 has been associated with cancer, autoimmune diseases, and immunodeficiency disorders. Multiple isoforms produced by alternative splicing have been identified.

Product:

PBS, 4M Urea, PH7.4

Molecular Weight:

~22kDa

Swiss-Prot:

O14836

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.

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