

PRODUCT DATA SHEET



Bioworld Technology, Inc.

CD252 Recombinant Protein

Catalog: NCP0403

Host: E.coli

Tag: His-tag

BackGround:

OX40 (TNFRSF4, CD134) is a member of the tumor necrosis factor (TNF) receptor superfamily that regulates T cell activity and immune responses. The OX40 protein contains four cysteine rich domains, a transmembrane domain, and a cytoplasmic tail containing a QEE motif. OX40 is primarily expressed on activated CD4+ and CD8+ T-cells, while the OX40 ligand (OX40L, TNFSF4, CD252) is predominantly expressed on activated antigen presenting cells. The engagement of OX40 with OX40L leads to the recruitment of TNF receptor-associated factors (TRAFs) and results in the formation of a TCR-independent signaling complex. One component of this complex, PKC θ , activates the NF- κ B pathway. OX40 signaling through Akt can also enhance TCR signaling directly. Research studies indicate that the OX40L-OX40 pathway is associated with inflammation and autoimmune diseases. Additional research studies show that OX40 agonists augment anti-tumor immunity in several cancer types.

Product:

PBS, 4M Urea, PH7.4

Molecular Weight:

~15kDa

Swiss-Prot:

P23510

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

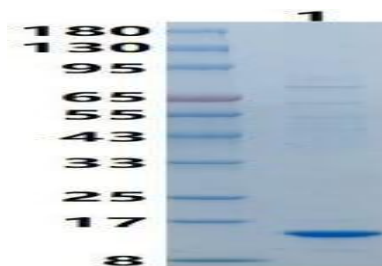
Storage&Stability:

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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