

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TNFSF9 (Human) Recombinant Protein

Catalog Number: P9946

Regulation Status: RUO grade

Product Description: Human TNFSF9 recombinant protein with His tag at the C-terminus expressed in

Escherichia coli.

Host: Escherichia coli

Theoretical MW (kDa): Calculated MW: 20.4

Regulatory Status: RUO grade

Protocols: See our web site at

http://www.abnova.com/support/protocols.asp or product

page for detailed protocols

Form: Lyophilized

Preparation Method: Escherichia coli expression

system

Purity: > 95% by SDS-PAGE

Endotoxin Level: < 0.1 EU/ug

Activity: The ED_{50} for this effect is 1-5 ng/mL, measured by its ability to induce IL-8 secretion in human PBMCs.

Recommend Usage: SDS-PAGE

The optimal working dilution should be determined by

the end user.

Storage Buffer: Lyophilized from PBS, pH 7.4. Reconstitute the lyophilized protein in sterile H_2O to a concentration of at least 200 ug/mL and incubate the stock solution for at least 20 min to ensure sufficient redissolution. Please use the protein within one month after reconstitution.

Storage Instruction: Store at -20°C for 12 months in

lyophilized state.

After reconstitution with deionized water, store at -20 or

-80°C for 1 month.

Aliquot to avoid repeated freezing and thawing.

Entrez GenelD: 8744

Gene Symbol: TNFSF9

Gene Alias: 4-1BB-L, CD137L

Gene Summary: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This transmembrane cytokine is a bidirectional signal transducer that acts as a ligand for TNFRSF9/4-1BB, which is a costimulatory receptor molecule in T lymphocytes. This cytokine and its receptor are involved in the antigen presentation process and in the generation of cytotoxic T cells. The receptor TNFRSF9/4-1BB is absent from resting T lymphocytes but rapidly expressed upon antigenic stimulation. The ligand encoded by this gene, TNFSF9/4-1BBL, has been shown to reactivate anergic T lymphocytes in addition to promoting T lymphocyte proliferation. This cytokine has also been shown to be required for the optimal CD8 responses in CD8 T cells. This cytokine is expressed in carcinoma cell lines, and is thought to be involved in T cell-tumor cell interaction]