



SZABO SCANDIC

Part of Europa Biosite

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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

TNFSF10 (Human) Recombinant Protein

Catalog Number: P9292

Regulation Status: For research use only (RUO)

Product Description: Human TNFSF10 partial recombinant protein expressed in *Escherichia coli*.

Sequence:

MRERGPQRVAAHITGTRGRSNTLSSPNSKNEKALGRK
INSWESSRSGHSFSLNLHLRNGELVIHEKGFYYIYSQT
YFRFQEEIKENTKNDKQMVQYIYKYTSYPDPILLMKSA
RNSCWSKDAEYGLYSIQGGIFELKENDRIFVSVTNEH
LIDMDHEASFFGAFLVG

Host: *Escherichia coli*

Theoretical MW (kDa): 21

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

Purification: chromatographic

Purity: > 95% as determined by (a) RP-HPLC.(b) SDS-PAGE.

Activity: ED₅₀ < 2 ng/mL, measured by the cytolysis of Murine L929 cells in the presence of Actinomycin D, corresponding to a specific activity of 5 x 10⁶ IU/mg.

Storage Buffer: Lyophilized from a solution containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 150mM NaCl. Reconstitute the lyophilized powder in ddH₂O to 100 ug/mL.

Storage Instruction: Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freeze/thaw cycles.

Entrez GeneID: 8743

Gene Symbol: TNFSF10

Gene Alias: APO2L, Apo-2L, CD253, TL2, TRAIL

Gene Summary: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3. [provided by RefSeq]