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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TNFSF10 (Human) Recombinant Protein

Catalog Number: P9294

Regulation Status: For research use only (RUO)

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

Sequence:

MVRERGPQRVAAHITGTRGRSNTLSSPNSKNEKALGR
KINSWESSRSGHSFLSNLHLRNGELVIHEKGFYIYSQ
TYFRFQEEIKENTKNDKQMVQYIYKYTSYPDPILLMKS
ARNSCWSKDAEYGLYSIQGGIFELKENDRIFVSVTNE
HLIDMDHEASFFGAFLVG

Host: *Escherichia coli*

Theoretical MW (kDa): 19.6

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purification: chromatographic

Purity: > 95% as determined by SDS-PAGE.

Activity: ED₅₀ ? 1 ng/mL, measured in a cell cytotoxicity assay using Jurkat human T lymphocyte.

Storage Buffer: Solution (1 mg/mL) containing 20 mM Tris-HCl, pH 7.5, 10% glycerol, 300 mM NaCl, 0.1 mM DTT.

Storage Instruction: Store at 4°C for one weeks 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]