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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TNFSF12 (Human) Recombinant Protein

Catalog Number: P9266

Regulation Status: For research use only (RUO)

Product Description: Human TNFSF12 partial recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.

Sequence:

MHHHHHRSAPKGRKTRARRAIAAHYEVHPRPGQDG
AQAGVDGTVSGWEEARINSSPLRYNRQIGEFIVTRA
GLYYLYCQVHFDEGKAVYLLKDLLVDGVLALRCLEEF
ATAASSLGPQLRLCQVSGLLALRPGSSLRIRTLPWHL
KAAPFLTYFGLFQVH

Host: *Escherichia coli*

Theoretical MW (kDa): 18

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 SDS-PAGE.

Activity: ED₅₀ < 8 ng/mL, measured in a proliferation assay using HUVECs.

Storage Buffer: Lyophilized from 1X PBS. 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: 8742

Gene Symbol: TNFSF12

Gene Alias: APO3L, DR3LG, MGC129581, MGC20669, TWEAK

Gene Summary: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Some transcripts that skip the last exon of this gene and continue with the second exon of the neighboring TNFSF13 gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq]