



# 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

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## Datasheet

### TNFSF15 (Human) Recombinant Protein

**Catalog Number:** P9328

**Regulation Status:** For research use only (RUO)

**Product Description:** Human TNFSF15 recombinant protein expressed in *Escherichia coli*.

**Sequence:**

MQLTKGRLHFSHPLSHTKHISPFVTDAPLRADGDKPR  
AHLTVVRQTPTQHFKNQFPALHWEHELGLAFTKNRM  
NYTNKFLIPESGDYFIYSQVTFRGMTSECSEIRQAGR  
PNKPDSITVVITKVTDSEPTQLLMGTSVCEVGSNW  
FQPIYLGAMFSLQEGDKLMVNVSDISLVDYTKEDKTF  
GAFL

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 20.5

**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:** ED<sub>50</sub> < 20 ng/mL, determined by the ability to induce apoptosis using human TF-1 cells, corresponding to a specific activity > 5 x 10<sup>4</sup> IU/mg.

**Storage Buffer:** Lyophilized from a solution containing 1XPBS, pH 7.4, 0.02% Tween 20. Reconstitute the lyophilized powder in ddH<sub>2</sub>O 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:** 9966

**Gene Symbol:** TNFSF15

**Gene Alias:** MGC129934, MGC129935, TL1, TL1A, VEGI, VEGI192A

**Gene Summary:** The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. An additional isoform encoded by an alternatively spliced transcript variant has been reported but the sequence of this transcript has not been determined. [provided by RefSeq]