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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

TNFRSF1B (Human) Recombinant Protein

Catalog Number: P9244

Regulation Status: For research use only (RUO)

Product Description: Human TNFRSF1B recombinant protein expressed in *Escherichia coli*.

Sequence:

MPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCS
PGQHAKVFCTKTSDTVCDSCEDSTYQLWNWVPECL
SCGSRCSSDQVETQACTREQNRICRPGWYCALSK
QEGCRLCAPLRKCRPGFGVARPGTETSDVVCKPCAP
GTFNNTSSTDICRPHQICNVVAIPGNASMDAVCTSTS
PT.

Host: *Escherichia coli*

Theoretical MW (kDa): 20

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: > 97% as determined by SDS-PAGE.

Activity: ED₅₀ < 0.2 ug/mL, measured by the ability to inhibit the TNF-alpha mediated cytotoxicity in the L-929 cells in the presence of 0.25 ng/mL of rHuTNF-alpha, corresponding to a specific activity of > 5 x 10³ IU/mg.

Storage Buffer: Lyophilized from a solution containing 1X PBS, pH 7.4. 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: 7133

Gene Symbol: TNFRSF1B

Gene Alias: CD120b, TBPII, TNF-R-II, TNF-R75, TNFBR, TNFR1B, TNFR2, TNFR80, p75, p75TNFR

Gene Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. [provided by RefSeq]