



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

TNFRSF11B (Human) Recombinant Protein

Catalog Number: P8988

Regulation Status: For research use only (RUO)

Product Description: Human TNFRSF11B (O00300, 22 a.a. - 201 a.a.) partial-length recombinant protein and 232 residues from the Fc protein of human IgG1 expressed in *Pichia pastoris*.

Sequence:

OPG22-201:ETFPPKYLHYDEETSHQLLCDKCPPGTYL
KQHCTAKWKTVCAPCPDHYTDSWHTSDECLYCSPV
CKELQYVKQECNRTHNRVCECKEGRYLEIEFCLKHRS
CPPGFGVVQAGTPERNTVCKRCPDGFSSNETSSKAP
CRKHTNCSVFGLLLTQKGNATHDNICSGNSESTQKCG
IDVTL|Fc232:EPKSSDKTHTCPPCPAPEFEGAPSVFLF
PPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVD
GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNG
KEYKCKVSNKALPTPIEKTKAKGQPREPQVYTLPPS
RDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY
KTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSQSV
MHEALHNHYTQKSLSLSPGK

Host: Yeast

Theoretical MW (kDa): 109.6

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

Form: Lyophilized

Preparation Method: *Pichia pastoris* expression system

Purity: > 90% by HPLC and SDS PAGE

Activity: The ED₅₀ as determined by neutralizing the stimulation of U937 cells is less than 10 ng/mL, corresponding to a specific activity of > 1.0 × 10⁵ IU/mg in the presence of 10 ng/mL soluble Human RANKL (sRANKL).

Storage Buffer: Lyophilized from 20mM PB, pH 6.0, 150mM NaCl and 0.02 % Tween-80.

Storage Instruction: Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Entrez GeneID: 4982

Gene Symbol: TNFRSF11B

Gene Alias: MGC29565, OCIF, OPG, TR1

Gene Summary: The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined. [provided by RefSeq]