



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### TNFRSF11A (Human) Recombinant Protein

**Catalog Number:** P9736

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

**Product Description:** Human TNFRSF11A (Q9Y6Q6-1, 30 a.a. - 212 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.

**Sequence:**

IAPPCTSEKHYEHLGRCCNKCEPGKYMSSKCTTTSDS  
VCLPCGPDEYLD SWNEEDKLLHKVCDTGKALVAVVA  
GNSTTPRRCACTAGYHWSQDCECCRRNTECAPGLG  
AQHPLQLNKD TVCKPCLAGYFSDAFSSTDKCRPWTN  
CTFLGKRVEHHGTEKSDAVCSSLPARKPPNEPHVYL  
P

**Host:** Human

**Theoretical MW (kDa):** 46.85

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

**Form:** Lyophilized

**Preparation Method:** Mammalian cell (Expi293, high-yield transient HEK293) expression system

**Purity:** > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

**Endotoxin Level:** < 1 EU per 1 ug of protein (determined by LAL method)

**Activity:** The EC<sub>50</sub> was 8.5 ng/mL, measured by ELISA at 2 ug/mL.

**Recommend Usage:** Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from sterile distilled Water is > 100 ug/mL

**Storage Instruction:** Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 8792

**Gene Symbol:** TNFRSF11A

**Gene Alias:** CD265, FEO, LOH18CR1, ODFR, OFE, OPTB7, OST5, PDB2, RANK, TRANCER

**Gene Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Studies of the mouse counterpart suggest that this receptor directly mediates the osteoprotegerin ligand (OPGL)-induced osteoclastogenesis in osteoclast precursor cells. [provided by RefSeq]