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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TNFRSF11B (Human) Recombinant Protein

Catalog Number: P8989

Regulation Status: For research use only (RUO)

Product Description: Human TNFRSF11B (O00300) recombinant protein expressed in *Escherichia coli*.

Sequence:

METFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAK
WKTVCAPCPDHYYTDSWHTSDECLYCSPVCKELQYV
KQECNRTHNRVCECKEGRYLEIEFCLKHRSCPPGFGV
VQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNC
SVFGLLLTQKGNATHDNICSGNSESTQK.

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

Purity: > 95% by HPLC and SDS PAGE

Activity: The activity is determined by the ability to neutralize the stimulation of U937 cells treated with 10 ng/mL of soluble RANKL corresponding to a specific activity of 100,000 IU/mg.

Storage Buffer: Lyophilized from PBS, pH 7.4.

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]