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- Mindermengenzuschlag
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- Expressversand

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TNFRSF11B (Human) Recombinant Protein HuPro®

Catalog # : H00004982-H01

規格 : [25 ug]

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Specification

Product Description: Purified TNFRSF11B (AAH30155.1 24 a.a. - 194 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.

Transfected Cell Line: Human HEK293T cells

Sequence: FPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKTVCAPCPDHYYT
DSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK
HRSCPPGFGVVQAGTPERNTVCKRCPDGFSSNETSSKAPCRKHTNCSV
FGLLLTQKGNATHDNICSGNSESTQK

Host: Human

Theoretical MW (kDa): 24.09

Form: Liquid

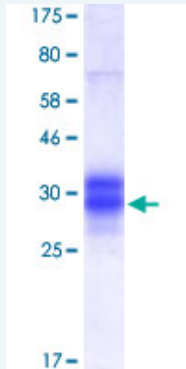
Preparation Method: Transfection of pSuper-TNFRSF11B plasmid into HEK293T cell, and the expressed protein was purified by *Strep*-Tactin affinity column.

Purification: *Strep*-Tactin affinity columns

Concentration: ≥ 10 ug/ml

Activity: Not Tested

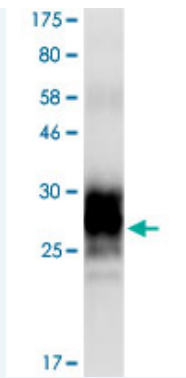
Quality Control Testing: SDS-PAGE and Western Blot



Western Blot

Application Image

Western Blot
Enzyme-linked Immunoabsorbent Assay
SDS-PAGE
Protein Interaction



Storage Buffer: 100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Datasheet:  [Download](#)

Applications

Western Blot

Enzyme-linked Immunoabsorbent Assay

SDS-PAGE

Protein Interaction

Gene Information

Entrez GeneID: [4982](#)

GeneBank Accession#: [BC030155.1](#)

Protein Accession#: [AAH30155.1](#)

Gene Name: TNFRSF11B

Gene Alias: MGC29565, OCIF, OPG, TR1

Gene Description: tumor necrosis factor receptor superfamily, member 11b

Omim ID: [239000](#), [602643](#)

Gene Ontology: [Hyperlink](#)

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]

Other Designations: osteoclastogenesis inhibitory factor, osteoprotegerin

Gene Pathway

[Cytokine-cytokine receptor interaction](#)

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