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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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) 

BMP7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000655-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

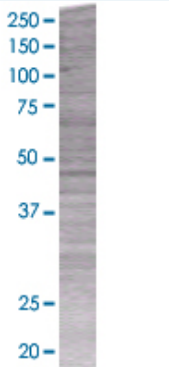
Plasmid: pCMV-BMP7 full-length

Host: Human

Theoretical MW (kDa): 46.8

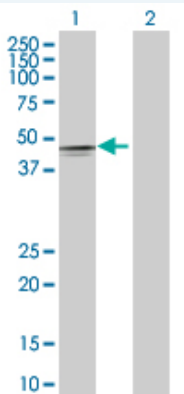
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-BMP7 antibody (H00000655-B01) by Western Blots.

SDS-PAGE Gel



BMP7 transfected lysate

Western Blot



Lane 1: BMP7 transfected lysate (46.8 KDa).

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

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

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [655](#)

GeneBank [BC004248](#)
Accession#:

Protein [AAH04248](#)
Accession#:

Gene Name: BMP7

Gene Alias: OP-1

Gene Description: bone morphogenetic protein 7

Omim ID: [112267](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskelatal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development and possible bone inductive activity. [provided by RefSeq]

Other Designations: OTTHUMP00000031357,osteogenic protein 1

Gene Pathway

[Cytokine-cytokine receptor interaction](#) [Hedgehog signaling pathway](#)
[TGF-beta signaling pathway](#)

Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Calcinosis](#) [Cardiovascular Diseases](#) [Cleft Lip](#)
[Cleft Palate](#) [Depressive Disorder, Major](#) [Diabetes Complications](#) [Diabetes Mellitus, Type 1](#)
[Diabetes Mellitus, Type 2](#) [Diabetic Nephropathies](#) [Edema](#)
[Genetic Predisposition to Disease](#) [Hyperparathyroidism, Secondary](#) [Hypospadias](#)
[Kidney Failure, Chronic](#) [Metabolic Syndrome X](#) [Narcolepsy](#) [Neoplasms](#)

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