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Produktinformation



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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

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BMP5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000653-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

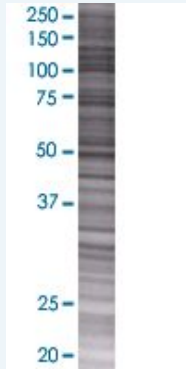
Plasmid: pCMV-BMP5 full-length

Host: Human

Theoretical MW (kDa): 51.7

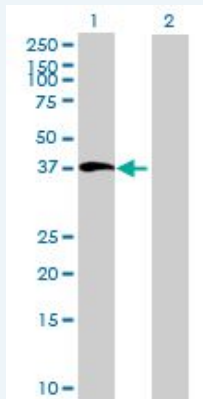
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-BMP5 antibody (H00000653-B01) by Western Blots.

SDS-PAGE Gel



BMP5 transfected lysate.

Western Blot



Lane 1: BMP5 transfected lysate (51.7 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: [653](#)

GeneBank Accession#: [NM_021073](#)

Protein Accession#: [NP_066551](#)

Gene Name: BMP5

Gene Alias: MGC34244

Gene Description: bone morphogenetic protein 5

Omim ID: [112265](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors. [provided by RefSeq]

Other Designations: OTTHUMP00000016650

Gene Pathway

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

Related Disease

[Congenital Abnormalities](#) [Genetic Predisposition to Disease](#) [Obesity](#) [Osteoarthritis](#), [Hip Ovarian Failure](#), [Premature Puberty](#), [Polycystic Ovary Syndrome](#) [Puberty, Delayed](#)
[Puberty, Precocious](#) [Thrombophilia](#) [Tobacco Use Disorder](#)