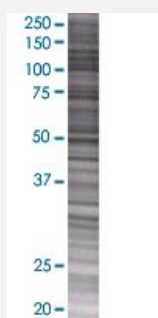


BMP5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000653-T01

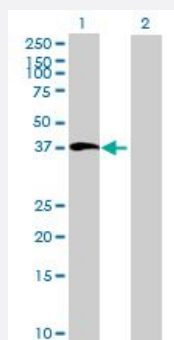
Size 100 uL

Applications



SDS-PAGE Gel

BMP5 transfected lysate.



Western Blot

Lane 1: BMP5 transfected lysate (51.7 KDa)

Lane 2: Non-transfected lysate.

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.

Applications

- Western Blot

Gene Info — BMP5

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	<p>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]</p>
Other Designations	OTTHUMP00000016650

Pathway

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

- [TGF-beta signaling pathway](#)

Disease

- [Congenital Abnormalities](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Osteoarthritis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)