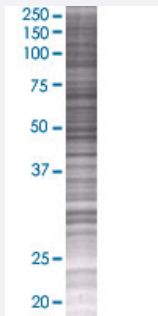


GDF10 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002662-T01

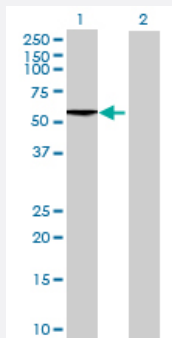
Size 100 uL

Applications



SDS-PAGE Gel

GDF10 transfected lysate.



Western Blot

Lane 1: GDF10 transfected lysate (52.69 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GDF10 full-length
Host	Human
Theoretical MW (kDa)	52.69
Interspecies Antigen Sequence	Mouse (85); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GDF10 antibody ([H00002662-B01](#)) by Western Blots.
SDS-PAGE Gel
GDF10 transfected lysate.
Western Blot
Lane 1: GDF10 transfected lysate (52.69 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 — GDF10

Entrez GeneID[2662](#)**GeneBank Accession#**[NM_004962](#)**Protein Accession#**[NP_004953](#)**Gene Name**

GDF10

Gene Alias

BMP-3b, BMP3B

Gene Description

growth differentiation factor 10

Omim ID[601361](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice suggest that the protein encoded by this gene plays a role in skeletal morphogenesis. [provided by RefSeq]

Other Designations

OTTHUMP00000019534|bone morphogenetic protein 3B

Disease

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