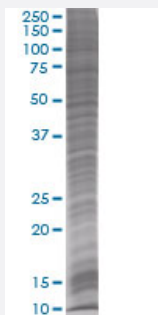


OGN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004969-T01

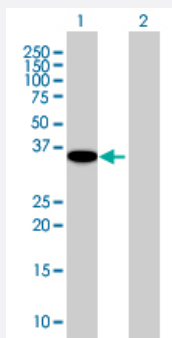
Size 100 uL

Applications



SDS-PAGE Gel

OGN transfected lysate



Western Blot

Lane 1: OGN transfected lysate (32.89 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-OGN full-length

Host Human

Theoretical MW (kDa) 32.89

Quality Control Testing Transient overexpression cell lysate was tested with Anti-OGN antibody ([H00004969-B01](#)) by Western Blots.
 SDS-PAGE Gel
 OGN transfected lysate
 Western Blot
 Lane 1: OGN transfected lysate (32.89 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 — OGN

Entrez GeneID[4969](#)**GeneBank Accession#**[BC037273](#)**Protein Accession#**[AAH37273](#)**Gene Name**

OGN

Gene Alias

DKFZp586P2421, OG, OIF, SLRR3A

Gene Description

osteoglycin

Omim ID[602383](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein which induces ectopic bone formation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR). Alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000021650|OTTHUMP00000021651|OTTHUMP00000063691|corneal keratan sulfate proteoglycan|mimcan proteoglycan|osteoinductive factor

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)