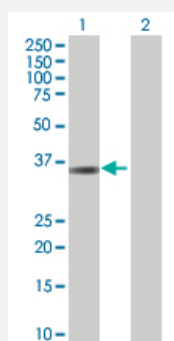


RGN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009104-T01

Size 100 uL

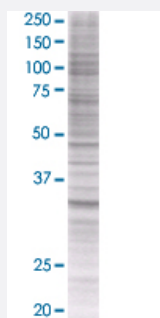
Applications



Western Blot

Lane 1: RGN transfected lysate (33.3 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

RGN transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RGN full-length
Host	Human
Theoretical MW (kDa)	33
Interspecies Antigen Sequence	Rat (88)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RGN antibody ([H00009104-B01](#)) by Western Blots.

Western Blot

Lane 1: RGN transfected lysate (33.3 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel

RGN 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 — RGN

Entrez GeneID

[9104](#)

GeneBank Accession#

[NM_004683.4](#)

Protein Accession#

-

Gene Name

RGN

Gene Alias

RC, SMP30

Gene Description

regucalcin (senescence marker protein-30)

Omim ID

[300212](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a highly conserved, calcium-binding protein, that is preferentially expressed in the liver and kidney. It may have an important role in calcium homeostasis. Studies in rat indicate that this protein may also play a role in aging, as it shows age-associated down-regulation. This gene is part of a gene cluster on chromosome Xp11.3-Xp11.23. Alternative splicing results in two transcript variants having different 5' UTRs, but encoding the same protein. [provided by RefSeq]

Other Designations

OTTHUMP00000023195|OTTHUMP00000023196|regucalcin|senescence marker protein-30