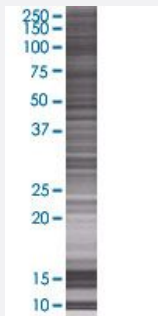


AGC1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000176-T01

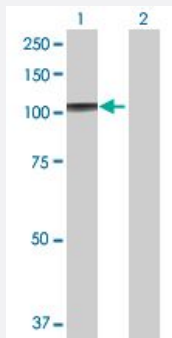
Size 100 uL

Applications



SDS-PAGE Gel

ACAN transfected lysate.



Western Blot

Lane 1: ACAN transfected lysate (79.42 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-AGC1 full-length

Host Human

Theoretical MW (kDa) 79.42

Quality Control Testing Transient overexpression cell lysate was tested with Anti-AGC1 antibody ([H00000176-B01](#)) by Western Blots.
 SDS-PAGE Gel
 ACAN transfected lysate.
 Western Blot
 Lane 1: ACAN transfected lysate (79.42 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 — ACAN

Entrez GeneID	176
GeneBank Accession#	XM_001131727.1
Protein Accession#	AAH36445.1
Gene Name	ACAN
Gene Alias	AGC1, AGCAN, CSPG1, CSPGCP, MSK16, SEDK
Gene Description	aggrecan
Omim ID	155760 608361
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the aggrecan/versican proteoglycan family. The encoded protein is an integral part of the extracellular matrix in cartilaginous tissue and it withstands compression in cartilage. Mutations in this gene may be involved in skeletal dysplasia and spinal degeneration. Multiple alternatively spliced transcript variants that encode different protein isoforms have been observed in this gene. [provided by RefSeq]
Other Designations	aggrecan 1 (chondroitin sulfate proteoglycan 1, large aggregating proteoglycan, antigen identified by monoclonal antibody A0122) aggrecan proteoglycan cartilage-specific proteoglycan core protein chondroitin sulfate proteoglycan 1 large aggregating proteo

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Intervertebral Disk Degeneration](#)
- [Intervertebral Disk Displacement](#)
- [Low Back Pain](#)
- [Occupational Diseases](#)
- [Paraparesis](#)
- [Scoliosis](#)
- [Tobacco Use Disorder](#)