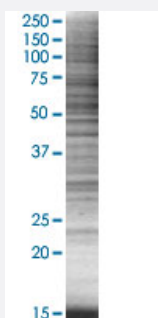


SPP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006696-T01

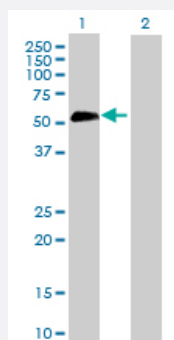
Size 100 uL

Applications



SDS-PAGE Gel

SPP1 transfected lysate.



Western Blot

Lane 1: SPP1 transfected lysate (35.40 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-SPP1 full-length

Host Human

Theoretical MW (kDa) 35.4

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SPP1 antibody ([H00006696-D01P](#)) by Western Blots.

SDS-PAGE Gel

SPP1 transfected lysate.

Western Blot

Lane 1: SPP1 transfected lysate (35.40 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 — SPP1

Entrez GeneID[6696](#)**GeneBank Accession#**[NM_001040058](#)**Protein Accession#**[AAH17387.1](#)**Gene Name**

SPP1

Gene Alias

BNSP, BSPI, ETA-1, MGC110940, OPN

Gene Description

secreted phosphoprotein 1

Omim ID[166490](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

bone sialoprotein I

Other Designations

SPP1/CALPHA1 fusion|bone sialoprotein I|early T-lymphocyte activation 1|osteopontin|osteopontin/immunoglobulin alpha 1 heavy chain constant region fusion protein|secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1)

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Aortic Aneurysm](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Esophageal Neoplasms](#)

- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Inflammation](#)
- [Kidney Calculi](#)
- [Kidney Failure](#)
- [Lewy Body Disease](#)
- [Liver Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Nephrolithiasis](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Periodontitis](#)
- [Pseudoxanthoma Elasticum](#)
- [Sarcoidosis](#)

- [Stroke](#)
- [Urinary Calculi](#)
- [Urolithiasis](#)