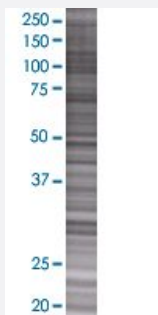


TIMP2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007077-T01

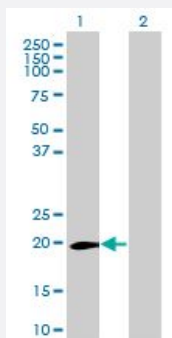
Size 100 uL

Applications



SDS-PAGE Gel

TIMP2 transfected lysate.



Western Blot

Lane 1: TIMP2 transfected lysate (24.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TIMP2 full-length

Host Human

Theoretical MW (kDa) 24.4

Quality Control Testing Transient overexpression cell lysate was tested with Anti-TIMP2 antibody ([H00007077-B01](#)) by Western Blots.
 SDS-PAGE Gel
 TIMP2 transfected lysate.
 Western Blot
 Lane 1: TIMP2 transfected lysate (24.4 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 — TIMP2

Entrez GeneID[7077](#)**GeneBank Accession#**[NM_003255](#)**Protein Accession#**[NP_003246](#)**Gene Name**

TIMP2

Gene Alias

CSC-21K

Gene Description

TIMP metalloproteinase inhibitor 2

Omim ID[188825](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. In addition to an inhibitory role against metalloproteinases, the encoded protein has a unique role among TIMP family members in its ability to directly suppress the proliferation of endothelial cells. As a result, the encoded protein may be critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix. [provided by RefSeq]

Other Designations

tissue inhibitor of metalloproteinase 2|tissue inhibitor of metalloproteinases 2

Disease

- [Alzheimer disease](#)
- [Aortic Aneurysm](#)

- [Arthritis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Hemorrhage](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colitis](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Endometrial Neoplasms](#)

- [Endometriosis](#)
- [Fetal Membranes](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Graft Occlusion](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Hepatitis C](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Inflammation](#)
- [Intracranial Aneurysm](#)
- [Liver Cirrhosis](#)
- [Long QT syndrome](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Mouth Neoplasms](#)
- [Myocardial Infarction](#)
- [Neoplasm](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Periodontitis](#)

- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Stomach Neoplasms](#)
- [Thrombosis](#)
- [Uterine Diseases](#)