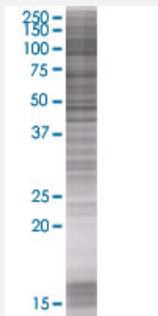


CST3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001471-T01

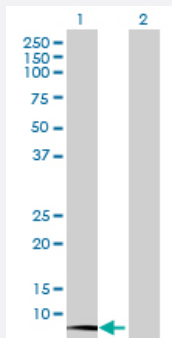
Size 100 uL

Applications



SDS-PAGE Gel

CST3 transfected lysate.



Western Blot

Lane 1: CST3 transfected lysate (16.17 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CST3 full-length

Host Human

Theoretical MW (kDa) 16.17

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CST3 antibody ([H00001471-B01](#)) by Western Blots.
SDS-PAGE Gel
CST3 transfected lysate.
Western Blot
Lane 1: CST3 transfected lysate (16.17 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 — CST3

Entrez GeneID	1471
GeneBank Accession#	NM_000099.2
Protein Accession#	NP_000090.1
Gene Name	CST3
Gene Alias	ARMD11, MGC117328
Gene Description	cystatin C
Omim ID	105150 604312
Gene Ontology	Hyperlink

Gene Summary	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes the most abundant extracellular inhibitor of cysteine proteases, which is found in high concentrations in biological fluids and is expressed in virtually all organs of the body. A mutation in this gene has been associated with amyloid angiopathy. Expression of this protein in vascular wall smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic lesions, establishing its role in vascular disease. [provided by RefSeq]
---------------------	--

Other Designations	OTTHUMP00000030440 OTTHUMP00000164181 OTTHUMP00000164182 bA218C14.4 (cystatin C) cystatin 3 cystatin C (amyloid angiopathy and cerebral hemorrhage) gamma-trace neuroendocrine basic polypeptide post-gamma-globulin
---------------------------	--

Disease

- [Albuminuria](#)
- [Alzheimer disease](#)
- [Amnesia](#)
- [Amyloidosis](#)
- [Amyotrophic lateral sclerosis](#)
- [Angina](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Frontotemporal Lobar Degeneration](#)
- [Genetic Predisposition to Disease](#)
- [Lewy Body Disease](#)
- [Macular Degeneration](#)
- [Mental Status Schedule](#)
- [Metabolic Syndrome X](#)
- [Mouth Neoplasms](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Oral Submucous Fibrosis](#)
- [Osteoporosis](#)

- [Parkinson Disease](#)
- [Precancerous Conditions](#)
- [Psychiatric Status Rating Scales](#)