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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CST3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001471-T03

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

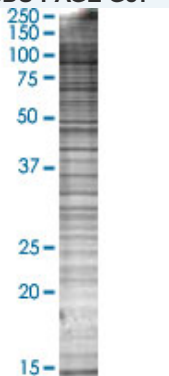
Plasmid: pCMV-CST3 full-length

Host: Human

Theoretical MW (kDa): 15.8

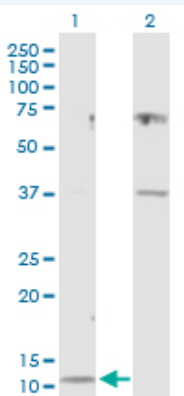
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CST3 antibody (H00001471-D01P) by Western Blots.

SDS-PAGE Gel



CST3 transfected lysate.

Western Blot



Lane 1: CST3 transfected lysate (15.8 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.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

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: OTTHUMP0000030440,OTTHUMP00000164181,OTTHUMP00000164182,BA218C14.4 (cystatin C),cystatin 3,cystatin C (amyloid angiopathy and cerebral hemorrhage),gamma-trace,neuroendocrine basic polypeptide,post-gamma-globulin

Related Disease

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