



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CST3 monoclonal antibody (M13), clone 3D10

Catalog # : H00001471-M13

規格 : [ 100 ug ]

List All

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant CST3.

**Immunogen:** CST3 (NP\_000090.1, 28 a.a. ~ 127 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:** SPGKPPRLVGGPMDASVEEEGVRRALDFAVGGEYNKASNDMYHSRALQV  
VRARKQIVAGVNYFLDVELGRTTCTKTQPNLDNCPFHQQPHLKRKAFCS  
FQI

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.

**Storage Buffer:** In 1x PBS, pH 7.4

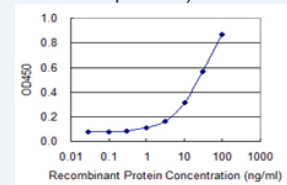
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

### Application Image

Sandwich ELISA (Recombinant protein)

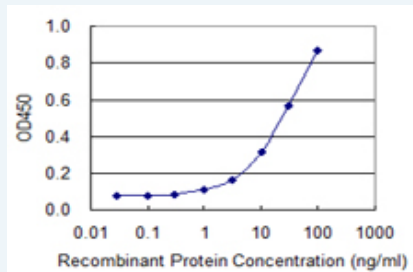


 enlarge

ELISA

### Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged CST3 is 0.3 ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

### Gene Information

Entrez GeneID: [1471](#)

GeneBank Accession#: [NM\\_000099](#)

**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

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