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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CSTB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001476-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

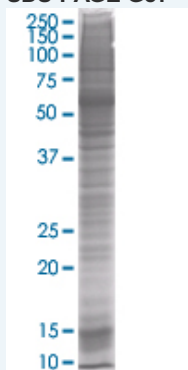
Plasmid: pCMV-CSTB full-length

Host: Human

Theoretical MW (kDa): 10.89

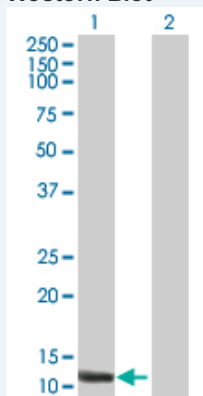
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CSTB antibody (H00001476-B01) by Western Blots.

SDS-PAGE Gel



CSTB transfected lysate

Western Blot



Lane 1: CSTB transfected lysate (10.89 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: [1476](#)

GeneBank Accession#: [BC003370](#)

Protein Accession#: [AAH03370](#)

Gene Name: CSTB

Gene Alias: CST6,EPM1,PME,STFB

Gene Description: cystatin B (stefin B)

Omim ID: [254800](#), [601145](#)

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 kininogens. This gene encodes a stefin that functions as an intracellular thiol protease inhibitor. The protein is able to form a dimer stabilized by noncovalent forces, inhibiting papain and cathepsins I, h and b. The protein is thought to play a role in protecting against the proteases leaking from lysosomes. Evidence indicates that mutations in this gene are responsible for the primary defects in patients with progressive myoclonic epilepsy (EPM1). [provided by RefSeq]

Other Designations: CPI-B,cystatin B,liver thiol proteinase inhibitor,stefin B

Related Disease

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