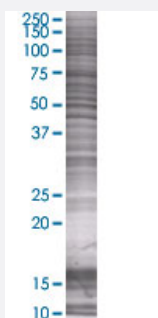


CST4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001472-T01

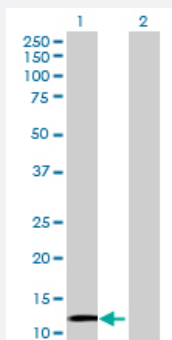
Size 100 uL

Applications



SDS-PAGE Gel

CST4 transfected lysate.



Western Blot

Lane 1: CST4 transfected lysate (15.62 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CST4 full-length

Host Human

Theoretical MW (kDa) 15.62

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CST4 antibody ([H00001472-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CST4 transfected lysate.
 Western Blot
 Lane 1: CST4 transfected lysate (15.62 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 — CST4

Entrez GeneID	1472
GeneBank Accession#	NM_001899.2
Protein Accession#	NP_001890.1
Gene Name	CST4
Gene Alias	MGC71923
Gene Description	cystatin S
Omim ID	123857
Gene Ontology	Hyperlink
Gene Summary	<p>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. 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 a type 2 salivary cysteine peptidase inhibitor. The protein is an S-type cystatin, based on its high level of expression in saliva, tears and seminal plasma. The specific role in these fluids is unclear but antibacterial and antiviral activity is present, consistent with a protective function. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000030443 cystatin 4