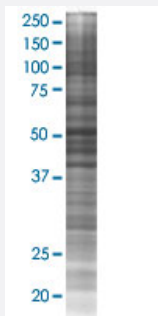


# CAP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010487-T02

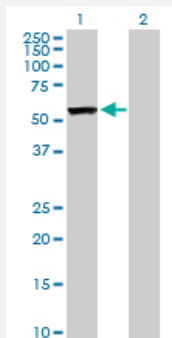
Size 100 uL

## Applications



### SDS-PAGE Gel

CAP1 transfected lysate.



### Western Blot

Lane 1: CAP1 transfected lysate ( 51.70 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-CAP1 full-length
Host	Human
Theoretical MW (kDa)	51.7
Interspecies Antigen Sequence	Mouse (95); Rat (95)

#### Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CAP1 antibody ([H00010487-D01P](#)) by Western Blots.  
 SDS-PAGE Gel  
 CAP1 transfected lysate.  
 Western Blot  
 Lane 1: CAP1 transfected lysate ( 51.70 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 — CAP1

#### Entrez GeneID

[10487](#)

#### GeneBank Accession#

[NM\\_006367](#)

#### Protein Accession#

[NP\\_006358.1](#)

#### Gene Name

CAP1

#### Gene Alias

CAP, CAP1-PEN

#### Gene Description

CAP, adenylate cyclase-associated protein 1 (yeast)

#### Gene Ontology

[Hyperlink](#)

#### Gene Summary

The protein encoded by this gene is related to the *S. cerevisiae* CAP protein, which is involved in the cyclic AMP pathway. The human protein is able to interact with other molecules of the same protein, as well as with CAP2 and actin. Alternatively spliced transcript variants have been identified . [provided by RefSeq]

#### Other Designations

OTTHUMP00000004820|OTTHUMP00000004821|OTTHUMP00000004822|adenyl cyclase-associated protein

## Disease

- [Diabetes Mellitus](#)

- [Genetic Predisposition to Disease](#)