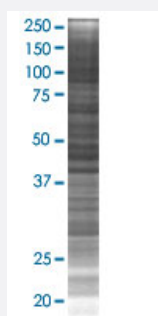


CREB3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010488-T02

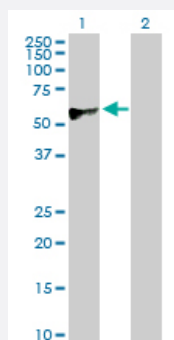
Size 100 uL

Applications



SDS-PAGE Gel

CREB3 transfected lysate.



Western Blot

Lane 1: CREB3 transfected lysate (41.40 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CREB3 full-length
Host	Human
Theoretical MW (kDa)	41.4
Interspecies Antigen Sequence	Mouse (66); Rat (55)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CREB3 antibody ([H00010488-D01P](#)) by Western Blots.
SDS-PAGE Gel
CREB3 transfected lysate.
Western Blot
Lane 1: CREB3 transfected lysate (41.40 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 — CREB3

Entrez GeneID

[10488](#)

GeneBank Accession#

[BC009402.2](#)

Protein Accession#

[AAH09402.1](#)

Gene Name

CREB3

Gene Alias

LUMAN, LZIP, MGC15333, MGC19782

Gene Description

cAMP responsive element binding protein 3

Omim ID

[606443](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element, an octameric palindrome. The protein interacts with host cell factor C1, which also associates with the herpes simplex virus (HSV) protein VP16 that induces transcription of HSV immediate-early genes. This protein and VP16 both bind to the same site on host cell factor C1. It is thought that the interaction between this protein and host cell factor C1 plays a role in the establishment of latency during HSV infection. An additional transcript variant has been identified, but its biological validity has not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000021348|basic leucine zipper protein|cyclic AMP response element (CRE)-binding protein/activating transcription factor 1|transcription factor LZIP-alpha

Pathway

- [Melanogenesis](#)
- [Prostate cancer](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)