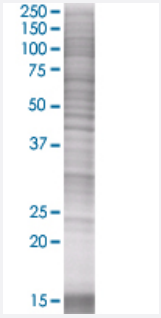
ATF2 293T Cell Transient Overexpression Lysate(Denatured)

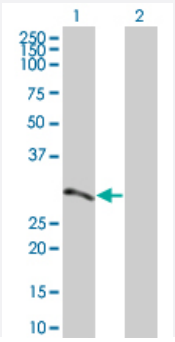
Catalog # H00001386-T01 Size 100 uL

Applications



SDS-PAGE Gel

ATF2 transfected lysate.



Western Blot

Lane 1: ATF2 transfected lysate (23.10 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ATF2 full-length
Host	Human
Theoretical MW (kDa)	23.1
Interspecies Antigen Sequence	Mouse (100); Rat (99)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ATF2 antibody (H00001386-B01) by Western Blots. SDS-PAGE Gel ATF2 transfected lysate. Western Blot Lane 1: ATF2 transfected lysate (23.10 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 — ATF2

Entrez GeneID	1386
GeneBank Accession#	BC026175
Protein Accession#	AAH26175
Gene Name	ATF2
Gene Alias	CRE-BP1, CREB2, HB16, MGC111558, TREB7
Gene Description	activating transcription factor 2
Omim ID	123811
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 (CRE), an octameric palindrome. The protein forms a homodimer or heterodimer with c-Jun and stimulates CRE-dependent transcription. The protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effects on chromatin components. Additional transcript variants have been identified but their biological validity has not been determined. [provided by RefSeq
Other Designations	OTTHUMP00000163262|activating transcription factor 2 splice variant ATF2-var2|cAMP responsive element binding protein 2, formerly

Pathway

- MAPK signaling pathway

Disease

- Bipolar Disorder
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Schizophrenia
- Tobacco Use Disorder