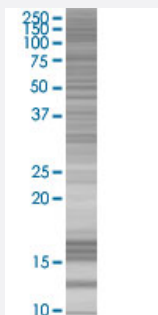


USF1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007391-T01

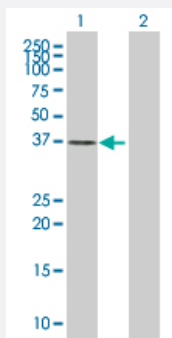
Size 100 uL

Applications



SDS-PAGE Gel

USF1 transfected lysate.



Western Blot

Lane 1: USF1 transfected lysate (33.5 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-USF1 full-length

Host Human

Theoretical MW (kDa) 33.5

Quality Control Testing Transient overexpression cell lysate was tested with Anti-USF1 antibody ([H00007391-B01](#)) by Western Blots.
 SDS-PAGE Gel
 USF1 transfected lysate.
 Western Blot
 Lane 1: USF1 transfected lysate (33.5 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 — USF1

Entrez GeneID[7391](#)**GeneBank Accession#**[NM_007122.3](#)**Protein Accession#**[-](#)**Gene Name**

USF1

Gene Alias

FCHL, FCHL1, HYPLIP1, MLTF, MLTF1, UEF, bHLHb11

Gene Description

upstream transcription factor 1

Omim ID[144250 191523 602491](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hyperlipidemia (FCHL). Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000029691|OTTHUMP00000029693|major late transcription factor 1|upstream stimulatory factor 1

Disease

- [Alzheimer disease](#)
- [Aortic Diseases](#)
- [Arteriosclerosis](#)

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Artery Disease](#)
- [Death](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemia](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)