

Recombinant Human USF1

Cat. No. USF1-30031TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human USF1 with proprietary tag. Estimated MW 60 kDa.
Species	Human
Source	E.coli
Description	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.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.

GENE INFORMATION

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Gene Name	USF1 upstream transcription factor 1 [Homo sapiens]
Official Symbol	USF1
Synonyms	USF1; upstream transcription factor 1; upstream stimulatory factor 1; bHLHb11; MLTFI; UEF;
Gene ID	7391
mRNA Refseq	NM_007122
Protein Refseq	NP_009053
MIM	191523
Uniprot ID	P22415
Chromosome Location	1q22-q23
Pathway	Signaling mediated by p38-alpha and p38-beta, organism-specific biosystem;
Function	bHLH transcription factor binding; double-stranded DNA binding; enzyme binding; histone deacetylase binding; protein binding;