

Recombinant Human USF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. USF1-5986H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	USF1 MS Standard C13 and N15-labeled recombinant protein (NP_996888) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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). Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been defined on chromosome 21.
Molecular Mass	33.5 kDa
AA Sequence	MKGQQKTAETEEGTVQIQEGAVATGEDPTSVAIASIQSAATFPDPNVKYVVRTENGG QVMYRVIQVSEGQLDGGQTEGTGAISGYPATQSMTQAVIQGAFTSDDAVDTEGTAAE THYTYFPSTAVGDGAGGTTSGSTAAVTTQGSEALLGQATPPGTGQFFVMMSPQE VLQGGSQRSIAPRTHPYSPKSEAPRTTRDEKRRRAQHNEVERRRRDKINNWIWQLSKI IPDCSMESTKSGQSKGGILSKACDYIQELRQSNHRLSEELQGLDQLQLDNDVLRQQ VEDLKNKNLLLRAQLRHHGLEVVIKNDSNTRTRPLEQKLISEEDLAANDILDYKDDDD KV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

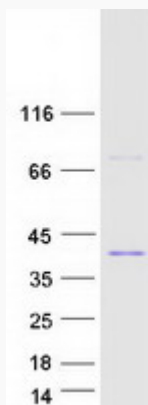
GENE INFORMATION

Gene Name	USF1 upstream transcription factor 1 [Homo sapiens (human)]
Official Symbol	USF1
Synonyms	USF1; upstream transcription factor 1; upstream stimulatory factor 1; bHLHb11; MLTFI; UEF; major late transcription factor 1; class B basic helix-loop-helix protein 11; FCHL; MLTF; FCHL1; HYPLIP1;
Gene ID	7391
mRNA Refseq	NM_207005
Protein Refseq	NP_996888
MIM	191523
UniProt ID	P22415

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SDS-PAGE

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