

## Product datasheet for **AR51267PU-S**

### USF1 (1-310, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	USF1 (1-310, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMKGQQT AETEEGTVQI QEGAVATGED PTSVAIASIQ SAATFPDPNV KYVVRTENGG QVMYRVIQVS EGQLDGQTEG TGAISGYPAT QSMTQAVIQG AFTSDDAVDT EGTAETHYT YFPSTAVGDG AGGTTSGSTA AVTTQGSEA LLGQATPPGT GQFFVMMSPQ EVLQGGSQRS IAPRTHPYSP KSEAPRTTRD EKRRAQHNEV ERRRRDKINN WIVQLSKIIP DCSMESTKSG QSKGGILSKA CDYIQELRQS NHRLSEELQG LDQLQLDNDV LRQQVEDLKN KNLLLRAQLR HHGLEVVIKN DSN
Tag:	His-tag
Predicted MW:	35.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human USF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001263302</a>
Locus ID:	7391
UniProt ID:	<a href="#">P22415</a> , <a href="#">A0A0S2Z4U5</a>
Cytogenetics:	1q23.3



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**Synonyms:** bHLHb11; FCHL; FCHL1; HYPLIP1; MLTF; MLTFI; UEF

**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). Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been defined on chromosome 21. [provided by RefSeq, Feb 2013]

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**

