

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

USF1, 1-310aa, Human, His tag, E.coli

产品货号: TP04443

第三版

**别名:**Upstream transcription factor 1, bHLHb11, FCHL, FCHL1, HYPLIP1, MLTF, MLTFI, UEF

**描述:**USF1 is a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. USF1 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. Recombinant human USF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

**分子量:**35.9kDa (333aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMKGQKTAETEETVQIQEGAVATGEDPTSVAIASIQSAATFPDPNVKYYVFRTEN  
GGQVMYRVIQVSEGLDQTEGTGAISGYPATQSMTQAVIQGAFTSDDAVDTEGTAAETHYTYFPSTAVGDGAGGTTS  
GSTAAVTTQGSEALLGQATPPGTGQFFVMMSPQEV LQGGQSRSIAPRTHPYPKSEAPRTRDEKRRAQHNEVERRRRD  
KINNWIVQLSKIIPDCSMESTKSGQSKGGILSKACDYIQELRQSNHRLSEELQGLDQLQLDNDVLRQQVEDLKNKNLLLRA  
QLRHHGLEVVIKNDSN

**纯度:**> 95% by HPLC

**浓度:**0.25 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.