

Product datasheet for TP304915

USF1 (NM_007122) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human upstream transcription factor 1 (USF1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204915 protein sequence Red =Cloning site Green =Tags(s)

MKGQQKTAETEEGTVQIQEGAVATGEDPTSVAIASIQSAATFPDPNVKYVVRTENGGQVMYRVIQVSEGG
LDGQTEGTGAISGYPATQSMTQAVIQGAFTSDDAVDTEGTAETHYTFPSTAVGDGAGGTTSGSTA
TTQGSEALLGQATPPGTGQFFVMMSPQEVLLQGGRSRQSIAPRTHPYSPKSEAPRTRRDEKRRAQHNEVER
RRDKINNWIVQLSKIIPDCSMESTKSGQSKGGILSKACDYIQELRQSNHRLSEELQGLDQLQLDNDVLRQ
QVEDLKNKNLLRAQLRHHGLEWIKNDSN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	33.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_009053
Locus ID:	7391



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UniProt ID: [P22415](#), [A0A0S2Z4U5](#)

RefSeq Size: 1830

Cytogenetics: 1q23.3

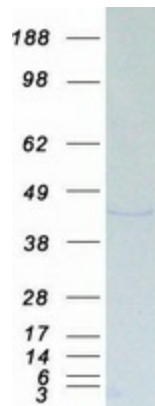
RefSeq ORF: 930

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:



Coomassie blue staining of purified USF1 protein (Cat# TP304915). The protein was produced from HEK293T cells transfected with USF1 cDNA clone (Cat# [RC204915]) using MegaTran 2.0 (Cat# [TT210002]).