

## Product datasheet for TP319106

### USF1 (NM\_207005) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human upstream transcription factor 1 (USF1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219106 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MKGQQKTAETEEGTVQIQEGAVATGEDPTSVAIASIQSAATFPDPNVKYVVRTENGGQVMYRVIQVSEGG  
LDGQTEGTGAISGYPATQSMTQAVIQGAFTSDDAVDTEGTAETHYTFPSTAVGDGAGGTTSGSTAADV  
TTQGSEALLGQATPPGTGQFFVMMSPQEVLLQGGSQRSIAPRTHPYSPKSEAPRTRRDEKRRAQHNEVERR  
RRDKINNWIVQLSKIIPDCSMESTKSGQSKGGILSKACDYIQELRQSNHRLSEELQGLDQLQLDNDVLRQ  
QVEDLKNKNLLRAQLRHHGLEWIKNDSN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

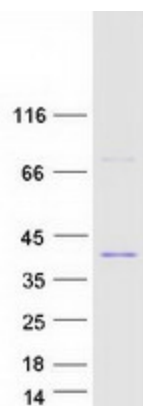
Tag:	C-Myc/DDK
Predicted MW:	27.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_996888</a>
Locus ID:	7391



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UniProt ID:	<a href="#">P22415</a>
RefSeq Size:	1799
Cytogenetics:	1q23.3
RefSeq ORF:	933
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# TP319106). The protein was produced from HEK293T cells transfected with USF1 cDNA clone (Cat# [RC219106]) using MegaTran 2.0 (Cat# [TT210002]).