

Product datasheet for PH304915

USF1 (NM_007122) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	USF1 MS Standard C13 and N15-labeled recombinant protein (NP_009053)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204915
Predicted MW:	33.5 kDa
Protein Sequence:	>RC204915 protein sequence Red=Cloning site Green=Tags(s) MKGQQKTAEETEGTVQIQEGAVATGEDPTSVAIASIQSAATFPDPNVKYVFRTEGGQVMYRVIQVSEGO LDGQTEGTGAISGYPATQSMTQAVIQGAFTSDDAVDTEGTAETHYTFPSTAVGDGAGGTTSGSTAAV TTQGSEALLGQATPPGTGQFFVMMSPQEVLQGGSQRSIAPRTHPYSPKSEAPRTRDEKRRRAQHNEVERR RRDKINNWIVQLSKIIPDCSMESTKSGQSKGGILSKACDYIQELRQSNHRLSEELQGLDQLQLDNDVLRQ QVEDLKNKNLLLRAQLRHHGLEVVIKNDSN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_009053</u>
RefSeq Size:	1830
RefSeq ORF:	930
Synonyms:	bHLHb11; FCHL; FCHL1; HYPLIP1; MLTF; MLTFI; UEF
Locus ID:	7391



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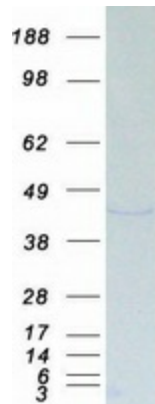
UniProt ID: [P22415](#), [A0A0S2Z4U5](#)

Cytogenetics: 1q23.3

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]).