

Product datasheet for PH323006

USF2 (NM_207291) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	USF2 MS Standard C13 and N15-labeled recombinant protein (NP_997174)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223006
Predicted MW:	30.4 kDa
Protein Sequence:	>RC223006 representing NM_207291 Red=Cloning site Green=Tags(s) MDMLDPGLDPAASATAAAAASHDKGPEAEEGVELQEGGDGPGAEEQTAVAITSVQQAAGDHNIIQYQFRT ETNGGQAVIQNPFSSNGGSPAEEAVSGEARFAYFPASSVGDTTAVSVQTTDQSLQAGGQFYMMTPQDVLQ TGTQRTIAPRTHPYSPKIDGTRTPRDERRRRAQHNEVERRRRDKINNWIIVQLSKIIIPDCNADNSKTGASKG GILSKACDYIRELRQTNQRMQETFKEAERLQMDNELLRQQIEELKNENALLRAQLQHNLEMVGEGTRQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_997174
RefSeq Size:	1531
RefSeq ORF:	837
Synonyms:	bHLHb12; FIP
Locus ID:	7392
UniProt ID:	Q15853



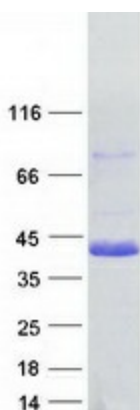
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Cytogenetics: 19q13.12

Summary: This gene encodes a member of the basic helix-loop-helix leucine zipper family of transcription factors. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs and is involved in regulating multiple cellular processes. [provided by RefSeq, Mar 2016]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified USF2 protein (Cat# [TP323006]). The protein was produced from HEK293T cells transfected with USF2 cDNA clone (Cat# [RC223006]) using MegaTran 2.0 (Cat# [TT210002]).