

## Product datasheet for PH308047

### UBF1 (UBTF) (NM\_001076683) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UBTF MS Standard C13 and N15-labeled recombinant protein (NP_001070151)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208047
Predicted MW:	84.8 kDa
Protein Sequence:	>RC208047 representing NM_001076683 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MNGEADCPDLEMAAPKGQDRWSQEDMLTLLCEMKNLPSNDSSKFKTTESHMDWEKVAFKDFSGDMCKL KWEISNEVRKFRTLTELILDAQEHVKNPYKGGKLLKHPDFPKPLTPYFRFFMEKRAKYAKLHPMSNL DLTKILSKKYKELPEKKMKYIQDFQREKQEFERNLARFREDHFDLIQNAKKSIDIPEKPKTPQQLWYTHE KKVYLKVRPDEIMRDYIQKHPELNISEEGITKSTLTKAERQLKDKFDGRPTKPPNSYSLYCAELMANMK DVPSTERMVLCSQQWKLKLSQKEKDAYHKKCDQKKDYEVLLRFLESLEPEEQQRVLGEEKMLNINKKQA TSPASKKPAQEGGKGGSEKPKRPVSAMFIFSEEKRRQLQEERPELSESELTRLLARMWNDLSEKKKAKYK AREAALKAQSERKPGGEREERGKLPESPKRAEEIWQQSVIGDYLARFKNDRVKALKAMEMTWNMEKKEK LMWIKKAAEDQKRYERELSEMRAPPAATNSSKKMKFQGEPPKPPMNGYQKFSEQELLNGLNHLPLKERM VEIGSRWQRISQSQKEHYKLAEEQQKQYVHLDLWVKSLSPQDRAAYKEYISNKRKSMTKLRGPNPKSS RTTLQSKSESEDE DEDEDNESEGSSSSSSSSSGDSSSDSN
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_001070151</a></u>



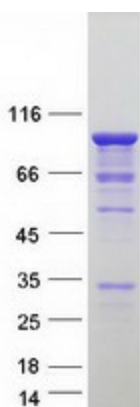
[View online >](#)

RefSeq Size:	4635
RefSeq ORF:	2181
Synonyms:	CONDBA; NOR-90; UBF; UBF-1; UBF1; UBF2
Locus ID:	7343
UniProt ID:	<a href="#">P17480</a>
Cytogenetics:	17q21.31

**Summary:** This gene encodes a member of the HMG-box DNA-binding protein family. The encoded protein plays a critical role in ribosomal RNA transcription as a key component of the pre-initiation complex, mediating the recruitment of RNA polymerase I to rDNA promoter regions. The encoded protein may also play important roles in chromatin remodeling and pre-rRNA processing, and its activity is regulated by both phosphorylation and acetylation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Pseudogenes of this gene are located on the short arm of chromosomes 3, 11 and X and the long arm of chromosome 11. [provided by RefSeq, Aug 2011]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified UBTF protein (Cat# [TP308047]). The protein was produced from HEK293T cells transfected with UBTF cDNA clone (Cat# [RC208047]) using MegaTran 2.0 (Cat# [TT210002]).