

## Product datasheet for TP308047M

### UBF1 (UBTF) (NM\_001076683) Human Recombinant Protein

#### Product data:

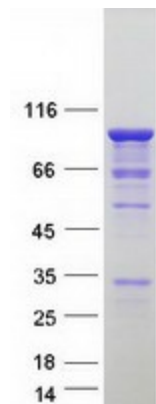
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human upstream binding transcription factor, RNA polymerase I (UBTF), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC208047 representing NM_001076683 Red=Cloning site Green=Tags(s)
	MNGEADCPTDLEMAAPKGGQDRWSQEDMLTLLECMKNNLPSNDSSKFKTTESHMDWEKVAFKDFSGDMCKL KWVEISNEVRKFRTLTLELILDAQEHVKNPYGKGLKHPDFPKKPLTPYFRFFMEKRAKYAKLHPMSNL DLTKILSKYKELPEKKMKYIQDFQREKQEFERNLARFREDHPDLIQNAKSDIPEKPKTPQQLWYTHE KKVYLKVRPDEIMRDYIQKHPELNISEEGITKSTLTKAERQLKDKFDGRPTKPPNSYSLYCAELMANMK DVPSTERMVLCSQQWKLLSQKEKDAYHKKCDQKKKDYEVLLRFLESLPEEEQQRVLGEEKMLNINKKQA TSPASKKPAQEGGKGGSEKPKRPVSAMFIFSEEKRRQLQEERPELSESELTRLLARMWNDLSEKKKAKYK AREAALKAQSERKPGGEREERGKLPESPKRAEEIWQQSVIGDYLFKNDRVKALKAMEMTWNMEKKEK LMWIKKAAEDQKRYERELSEMRAPPAATNSSKMKFKQGEPPKPPMNGYQKFSQELLSNGELNHLPLKERM VEIGSRWQRISQSQKEHYKLAEEQQKQYKVLHDLVWKSLSPODRAAYKEYISNKRKSMTKLRGPNPKSS RTTLQSKSESEEDDE DEDEDNESEGSSSSSSSSSGDSSSDSN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	84.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001070151</a>
<b>Locus ID:</b>	7343
<b>UniProt ID:</b>	<a href="#">P17480</a>
<b>RefSeq Size:</b>	4635
<b>Cytogenetics:</b>	17q21.31
<b>RefSeq ORF:</b>	2181
<b>Synonyms:</b>	CONDBA; NOR-90; UBF; UBF-1; UBF1; UBF2
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).