

Product datasheet for TP308047

UBF1 (UBTF) (NM_001076683) Human Recombinant Protein

Product data:

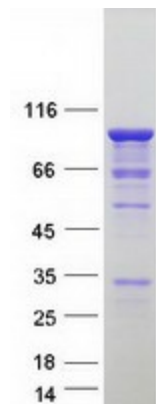
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human upstream binding transcription factor, RNA polymerase I (UBTF), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208047 representing NM_001076683 Red=Cloning site Green=Tags(s)
	MNGEADCPTDLEMAAPKGGQDRWSQEDMLTLLECMKNNLPSNDSSKFKTTESHMDWEKVAFKDFSGDMCKL KWVEISNEVRKFRTLTELILDAQEHVKNPYGKGLKHPDFPKKPLTPYFRFFMEKRAKYAKLHPMSNL DLTKILSKYKELPEKKMKYIQDFQREKQEFERNLARFREDHPDLIQNAKSDIPEKPKTPQQLWYTHE KKVYLKVRPDEIMRDYIQKHPELNISEEGITKSTLTKAERQLKDKFDGRPTKPPNSYSLYCAELMANMK DVPSTERMVLCSQQWKLLSQKEKDAYHKKCDQKKKDYEVLLRFLESLPEEEQQRVLGEEKMLNINKKQA TSPASKKPAQEGGKGGSEKPKRPVSAMFIFSEEKRRQLQEERPELSESELTRLLARMWNDLSEKKKAKYK AREAALKAQSERKPGGEREERGKLPESPKRAEEIWQQSVIGDYLFKNDRVKALKAMEMTWNMEKKEK LMWIKKAAEDQKRYERELSEMRAPPAATNSSKMKFKQGEPPKPPMNGYQKFSQELLSNGELNHLPLKERM VEIGSRWQRISQSQKEHYKLAEEQQKQYKVHLDLWVKSLSPQDRAAYKEYISNKRKSMTKLRGPNPKSS RTTLQSKSESEEDDE DEDEDNESEGSSSSSSSSSGDSSDSDSN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	84.8 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.



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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:	NP_001070151
Locus ID:	7343
UniProt ID:	P17480
RefSeq Size:	4635
Cytogenetics:	17q21.31
RefSeq ORF:	2181
Synonyms:	CONDBA; NOR-90; UBF; UBF-1; UBF1; UBF2
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]).