

Recombinant Human UBTF Protein, MYC/DDK-tagged

Cat. No. UBTF-478H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UBTF protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	84.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	upstream binding transcription factor, RNA polymerase I [Homo sapiens]
Official Symbol	UBTF
Synonyms	NOR-90; UBF; UBF-1; UBF1; UBF2
Gene ID	7343
mRNA Refseq	NM_001076683.1
Protein Refseq	NP_001070151.1
MIM	600673
UniProt ID	P17480

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