

## Product datasheet for **AR51705PU-S**

### **GTF3C6 (1-213, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	GTF3C6 (1-213, His-tag) human recombinant protein, 50 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMAAAADE RSPEDGEDEE EEEQLVLVEL SGIIDSDFLS KCENKCKVLG IDTERPILQV DSCVFAGEYE DTLGTCVIFE ENVEHADTEG NNKTVLKYKC HTMKKLSMTR TLLTEKKEGE ENIGGVEWLQ IKDNDFSYP NMICNFLHEN EDEEVASAP DKSLELEEEE IQMNDSSNLS CEQEKPMHLE IEDSGPLIDI PSETEGSVFM ETQMLP
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	26.4 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: PBS, pH 7.4 containing 10% Glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human GTF3C6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_612417</a>
<b>Locus ID:</b>	112495
<b>UniProt ID:</b>	<a href="#">Q969F1</a>
<b>Cytogenetics:</b>	6q21
<b>Synonyms:</b>	bA397G5.3; C6orf51; TFIIC35



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**Summary:**

RNA polymerases are unable to initiate RNA synthesis in the absence of additional proteins called general transcription factors (GTFs). GTFs assemble in a complex on the DNA promoter and recruit the RNA polymerase. GTF3C family proteins (e.g., GTF3C1, MIM 603246) are essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA (MIM 180420), tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin.[supplied by OMIM, Mar 2008]

**Product images:**