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AR51705PU-N Human GTF3C6 (1-213, His-tag) - Purified

Alternate names: C6orf51, General transcription factor 3C polypeptide 6, TFIIIC35, bA397G5.3

Quantity: 0.25 mg

Concentration: 0.5 mg/ml (determined by BRADFORD assay)

Background: 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.

 Uniprot ID:
 0969F1

 NCBI:
 NP_612417

 GeneID:
 112495

Species: Human
Source: E. coli

Format: State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: PBS, pH 7.4 containing 10% Glycerol, 1mM DTT

Description: Recombinant human GTF3C6 protein, fused to His-tag at N-terminus, was expressed

in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMAAAADE RSPEDGEDEE EEEQLVLVEL SGIIDSDFLS KCENKCKVLG IDTERPILQV DSCVFAGEYE DTLGTCVIFE ENVEHADTEG NNKTVLKYKC HTMKKLSMTR TLLTEKKEGE ENIGGVEWLQ IKDNDFSYRP NMICNFLHEN EDEEVVASAP DKSLELEEEE IQMNDSSNLS CEQEKPMHLE IEDSGPLIDI PSETEGSVFM ETQMLP

Molecular weight: 26.4 kDa (236aa) confirmed by MALDI-TOF

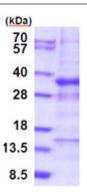
Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Dumay-Odelot, H., et al. (2007) J. Biol. Chem. 282 (23), 17179-17189



Pictures:



15% SDS-PAGE (3ug)