

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

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| Alternate names: | C6orf51, General transcription factor 3C polypeptide 6, TFIIC35, 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: | Q969F1 |
| 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:

