

# Recombinant Full Length Human GTF3C6 Protein, GST-tagged

**Cat. No.** GTF3C6-3419HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b> | Human GTF3C6 full-length ORF ( NP_612417.1, 1 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 213 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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 |
| <b>Molecular Mass</b>   | 50.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MAAAADERSPEDGEDEEEEEQLVLVELSGIIDSDFLSKCENKCKVLGIDTERPILQVD<br>SCVFAGEYEDTLGTCVIFEENVEHADTEGNNKTVLKYKCHTMKKLSMTRTLLTEKKE<br>GEENIGGVLEWLQIKDNDFSYRPNMICNLFHENEDEEVVASAPDKSLELEEEEEIQMND<br>SSNLSCEQEKPMHLEIEDSGPLIDIPSETEGSVFMETQMLP                                                                                                                                                                                                                                                              |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                                                                                                                                        |

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>        | GTF3C6 general transcription factor IIIC, polypeptide 6, alpha 35kDa [ Homo sapiens ]                                                                                                                                                                                                                                                   |
| <b>Official Symbol</b>  | GTF3C6                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>         | GTF3C6; general transcription factor IIIC, polypeptide 6, alpha 35kDa; C6orf51, chromosome 6 open reading frame 51; general transcription factor 3C polypeptide 6; bA397G5.3; TFIIIC35; TFIIIC 35 kDa subunit; transcription factor IIIC 35kDa; transcription factor IIIC subunit 6; transcription factor IIIC 35 kDa subunit; C6orf51; |
| <b>Gene ID</b>          | 112495                                                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>      | NM_138408                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>   | NP_612417                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>              | 611784                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>       | Q969F1                                                                                                                                                                                                                                                                                                                                  |

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