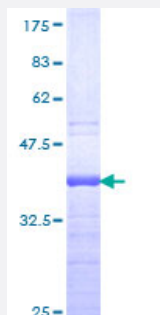


GTF3A (Human) Recombinant Protein (Q01)

Catalog # H00002971-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GTF3A partial ORF (NP_002088, 185 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NQQKQYICSFEDCKKTFKKHQQLKIHQCQNTNEPLFKCTQEGCGKHFASPSKLKRHAKAHEGYV CQKGCSFVAKTWTELLKHVRETHKEE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GTF3A

Entrez GeneID [2971](#)

GeneBank Accession# [NM_002097](#)

Protein Accession# [NP_002088](#)

Gene Name GTF3A

Gene Alias AP2, TFIIIA

Gene Description general transcription factor IIIA

Omim ID [600860](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene is a zinc finger protein with nine Cis[2]-His[2] zinc finger domains. It functions as an RNA polymerase III transcription factor to induce transcription of the 5S rRNA genes. The protein binds to a 50 bp internal promoter in the 5S genes called the internal control region (ICR), and nucleates formation of a stable preinitiation complex. This complex recruits the TFIIIC and TFIIIB transcription factors and RNA polymerase III to form the complete transcription complex. The protein is thought to be translated using a non-AUG translation initiation site in mammals based on sequence analysis, protein homology, and the size of the purified protein. [provided by RefSeq]

Other Designations transcription factor IIIA