

Product datasheet for **TP762379**

GTF3A (NM_002097) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human general transcription factor IIIA (GTF3A), full length, with N-terminal GST tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the full-length of GTF3A
Tag:	N-GFP
Predicted MW:	69.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002088
Locus ID:	2971
UniProt ID:	Q92664
RefSeq Size:	1404
Cytogenetics:	13q12.2
RefSeq ORF:	1095
Synonyms:	AP2; TFIIIA



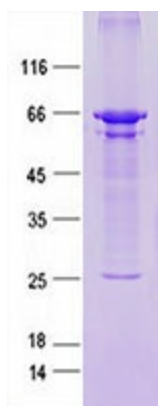
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Summary:

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 TFIIC and TFIIB 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, Jul 2008]

Protein Families:

Transcription Factors

Product images:

Purified recombinant protein GTF3A was analyzed by SDS-PAGE gel and Coomassie Blue Staining.