



Recombinant Human Transcription factor IIIA (GTF3A)

Product Code	CSB-EP838796HU-B
Abbreviation	GTF3A
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q92664
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MDPPAVVAES VSSLTIA DAF IAAGESSAPT PPRPALPRRF ICSFPDCSAN YSKAWKLD AH LCKHTGERPF VCDYEGCGKA FIRDYHL SRH ILTHTGEKPF VCAANGCDQK FNTKSNLKKH FERKHENQQK QYICSFEDCK KTFKKHQQLK IHQCQHTNEP LFKCTQEGCG KHFA SPSKLK RHAKAHEGYV CQKGC SFVAK TWTELLKHVR ETHKEEILCE VCRKTFKRKD YLKQHMKTHA PERDVCRCPR EGCGRTYTTV FNLQSHILSF HEESRPFVCE HAGCGKTFAM KQSLTRHAVV HDPDKKKMKL KVKKSREKRS LASHLSGYIP PKRKQGQGLS LCQNGESPNC VEDKMLSTVA VLTLG
Source	E.coli
Target Names	GTF3A
Protein Names	Recommended name: Transcription factor IIIA Short name= TFIIIA
Expression Region	1-365
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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