



# Recombinant Human Transcription factor IIIA (GTF3A)

<b>Product Code</b>	CSB-BP838796HU
<b>Abbreviation</b>	GTF3A
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q92664
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDPPAVVAES VSSLTIAADF IAAGESSAPT PPRPALPRRF ICSFPDCSAN YSKAWKLDAAH LCKHTGERPF VCDYEGCGKA FIRDYHLRHR 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 PKRKQGGQLS LCQNGESPNC VEDKMLSTVA VLTLG
<b>Source</b>	Baculovirus
<b>Target Names</b>	GTF3A
<b>Protein Names</b>	Recommended name: Transcription factor IIIA Short name= TFIIIA
<b>Expression Region</b>	1-365
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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

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.