

Recombinant Human GTF2A1L Protein, His-tagged

Cat. No. GTF2A1L-418H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GTF2A1L, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The assembly and stability of the RNA polymerase II transcription pre-initiation complex on a eukaryotic core promoter involve the effects of transcription factor IIA (TFIIA) on the interaction between TATA-binding protein (TBP) and DNA. This gene encodes a germ cell-specific counterpart of the large (alpha/beta) subunit of general transcription factor TFIIA that is able to stabilize the binding of TBP to DNA and may be uniquely important to testis biology. Alternative splicing for this locus has been observed and two variants, encoding distinct isoforms, have been identified. Co-transcription of this gene and the neighboring upstream gene generates a rare transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	52.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	GTF2A1L general transcription factor IIA, 1-like [Homo sapiens]
Official Symbol	GTF2A1L
Synonyms	GTF2A1L; general transcription factor IIA, 1-like; TFIIA-alpha and beta-like factor; GTF2A1-like factor; TFIIA-alpha/beta-like factor; TFIIA large subunit isoform ALF; general transcription factor II A, 1-like factor; ALF; MGC26254;
Gene ID	11036
mRNA Refseq	NM_006872
Protein Refseq	NP_006863
UniProt ID	Q9UNN4

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