

Recombinant Human GTF2A1L Protein, GST-tagged

Cat. No. GTF2A1L-458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALF full-length ORF (NP_006863.2, 1 a.a. - 478 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Mar 2014]
Molecular Mass	78.8 kDa
AA Sequence	MACLNVPKLYRSVIEDVIEGVRNLFEEGIEEQVLKDLKQLWETKVLQSKATEDFFR NSIQSPLFTLQLPHSLHQTLQSSTASLVIPAGRTLPSFTTAEELGTSNSSANFTFPGYPI HVPAGVTLQTVSGHLYKVNVPIMVTETSGRAGILQHPQQVFQQLGQPSVIQTSVPQ LNPWSLQATTEKSQRIETVLQQPAILPSGPVDRKHLENATSDILVSPGNEHKIVPEAL

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LCHQESSHYISLPGVVFSPQVSQTNSNVESVLSGSASMAQNLHDESLSTSPHGALH
 QHVTDIQLHILKNRMYGCDSVKQPRNIEEPSNIPVSEKDSNSQVDLSIRVTDDDIGEII
 QVDGSGDTSSNEEIGSTRDADENEFLGNIDGGDLKVPEEEADSISNEDSATNSSDN
 EDPQVNIVEEDPLNSGDDVSEQDVPDLFDTDNVIVCQYDKIHRSKNKWKFYLDKGV
 MCFGGRDYVFAKAIGDAEW

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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_001193487

Protein Refseq

NP_001180416

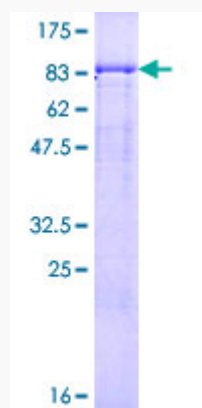
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MIM 605358

UniProt ID Q9UNN4



12.5% SDS-PAGE Stained with Coomassie Blue.

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