

## Recombinant Human GTF2E2, His-tagged

Cat. No. GTF2E2-30319TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length human TFIIE beta with His tag, purified from an E. coli strain that contains the coding sequence of the protein under the control of T7 promoter.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	General transcription factor IIE subunit 2 (GTF2E2), also known as transcription initiation factor IIE subunit beta (TFIIE-beta), is a protein that in humans is encoded by the GTF2E2 gene.
<b>Conjugation</b>	HIS
<b>Biological activity</b>	1 unit equals 1 nanogram of purified protein.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 20mM Tris Cl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Sequence Similarities</b>	Belongs to the TFIIE beta subunit family. Contains 1 TFIIE beta DNA-binding domain.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GTF2E2 general transcription factor IIE, polypeptide 2, beta 34kDa [ Homo sapiens ]
<b>Official Symbol</b>	GTF2E2
<b>Synonyms</b>	GTF2E2; general transcription factor IIE, polypeptide 2, beta 34kDa; general transcription factor IIE, polypeptide 2 (beta subunit, 34kD); transcription initiation factor IIE subunit beta; FE; TF2E2; TFIIE B;
<b>Gene ID</b>	2961
<b>mRNA Refseq</b>	NM_002095
<b>Protein Refseq</b>	NP_002086
<b>MIM</b>	189964
<b>Uniprot ID</b>	P29084
<b>Chromosome Location</b>	8p12
<b>Pathway</b>	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Eukaryotic Transcription Initiation, organism-specific biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem;

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**Function**

DNA binding; protein binding;

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