

## Product datasheet

# Recombinant Human GTF2E1 + GTF2E2 protein ab81894

### Description

<b>Product name</b>	Recombinant Human GTF2E1 + GTF2E2 protein
<b>Biological activity</b>	1 unit equals 1 nanogram of purified protein.
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

### Specifications

Our **Abpromise guarantee** covers the use of **ab81894** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	1 unit equals 1 nanogram of purified protein.

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.9 Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine)
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### General Info

<b>Relevance</b>	The human Transcription Factor IIE (TFIIE) is composed of GTF2E1 56 kDa (alpha) and GTF2E2 34 kDa (beta) subunits and is shown to be a heterotetramer. GTF2E1, the 56-kDa subunit contains a region similar to a zinc-binding domain and a region sharing homology with the
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catalytic loop of a kinase domain. TFIIIE binds to RNA polymerase II in solution and joins the preinitiation complex probably concomitant with RNA polymerase II and TFIIIF.

**Cellular localization**

Nuclear

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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