Active Recombinant Human GTF2E1, P56, GST-tagged

Cat. No. GTF2E1-1181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	E.coli
Description	The human Transcription Factor IIE (TFIIE) is composed of56 kDa (α) and 34 kDa (β) subunits and is shown to be a heterotetramer. The 56 kDa subunit contains a region similar to a zincbinding domain and a region sharing homology with the catalytic loop of a kinase domain. TFIIE binds to RNA Polymerase II in solution and joins the preinitiation complex probably concomitant with RNA Polymerase II and TFIIF. The fusion protein is purified from an*E. coli*strain that contains the coding sequence of human TFIIE α-subunit under the control of a T7 promoter. GST-TFIIEα has been used for protein-protein interaction assays.
Usage	For in vitro use only.
Form	Liquid. Supplied in 20 mM Tris-HCl pH 8.0, 100 mM KCl, 0.2 mM EDTA, 1 mM DTT and 20% glycerol.
Activity	100 ng are sufficient for a protein-protein interaction assay.
Purity	> 95% by SDS-PAGE.
Storage	Quality guaranteed for 12 months, store at -80℃. Avoid freeze / thaw cycles.

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GENE INFORMATION

Gene Name	GTF2E1 general transcription factor IIE, polypeptide 1, alpha 56kDa [Homo sapiens]
Synonyms	GTF2E1; general transcription factor IIE, polypeptide 1, alpha 56kDa; FE; TF2E1; TFIIE-A;General transcription factor IIE subunit 1; TFIIE-alpha; Transcription initiation factor IIE subunit alpha; General transcription factor IIE 56 kDa subunit
Gene ID	2960
mRNA Refseq	NM_005513
Protein Refseq	NP_005504
MIM	189962
UniProt ID	P29083
Chromosome Location	3q21-q24
Pathway	Basal transcription factors; Gene Expression; HIV Infection; Transcription
Function	RNA polymerase II transcription factor activity; metal ion binding; protein binding; zinc ion binding

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