

Recombinant Human GTF2E1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GTF2E1-5066H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GTF2E1 MS Standard C13 and N15-labeled recombinant protein (NP_005504) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Recruits TFIIH to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIH. Both TFIIH and TFIIIE are required for promoter clearance by RNA polymerase.
Molecular Mass	49.3 kDa
AA Sequence	MADPDVLTEVPAALKRLAKYVIRGFYGIEHALDILIRNSCVKEEDMLELLKFDRKQL RSVLNNLKGDKFIKCRMRVETAADGKTTRHNYFIFYRTLNVVVKYKLDHMRRRIET DERDSTNRASFKCPVCSSTFTDLEANQLFDPMTGTFRCTFCHEVEEDESAMPKKD ARTLLARFNEQIEPIYALLRETEDVNLAYEILEPEPTEIPALKQSKDHAATTAGAASLA GGHHREAWATKGPSYEDLYTQNVVINMDDQEDLHRASLEGKSAKERPIWLRESTV QGAYGSEDMKEGGIDMDAFQEREEGHAGPDDNEEVMRALLIHEKKTSSAMAGSVG AAPVTAANGDDSESETSESDDDSPRPAAVAVHKREDEEEDDEFEEVADDPIMV VAGRPFSYSEVSQRPELVAQMTPEEKEAYIAMGQRMFEDLFETRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GTF2E1 general transcription factor IIE subunit 1 [Homo sapiens (human)]
Official Symbol	GTF2E1
Synonyms	GTF2E1; general transcription factor IIE, polypeptide 1, alpha 56kDa; general transcription factor IIE, polypeptide 1 (alpha subunit, 56kD); general transcription factor IIE subunit 1; FE; TFIIE A; TFIIE-alpha; general transcription factor IIE 56 kDa subunit; transcription initiation factor IIE subunit alpha; TF2E1; TFIIE-A;
Gene ID	2960
mRNA Refseq	NM_005513
Protein Refseq	NP_005504
MIM	189962
UniProt ID	P29083

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