

Recombinant Human GTF2F1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GTF2F1-665H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GTF2F1 MS Standard C13 and N15-labeled recombinant protein (NP_002087) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	TFIIF is a general transcription initiation factor that binds to RNA polymerase II and helps to recruit it to the initiation complex in collaboration with TFIIB. It promotes transcription elongation.
Molecular Mass	58.2 kDa
AA Sequence	MAALGPSSQNVTEYVVRVPKNTTKKYNIMAFNAADKVN FATWNQARLERDLSNKKI YQEEEMPESGAGSEFNRLREEARRKKYGIVLKEFRPEDQPWLLRVNGKSGRKFK GIKKGGVTENTSYYIFTQCPDGAF EAFPVHNWYNFTPLARHRTLTAEEAEEEWERR NKVLNHFSIMQQRRLKDQDQDEDEEEKEKRGRRKASELRIHDLEDDLEMSSDASDA SGEEGGRVPKAKKKAPLAKGGRKKKKKKGSDDEAFEDSDDGDFEGQEVDYMSDG SSSSQEEPESKAKAPQQEEGPKGVDEQSDSSESESEEEKPPEEDKEEEEEKKAPT QEKRRKDSSEESDSSEESDIDSEASSALFMAKKKTPPKRERKPSGGSSRGNSRP GTPSAEGGSTSSTLR AAASKLEQGKRVSEMPAAKRLRLDTGPQSLSGKSTPQPPS GKTPNSGDVQVTEDAVRRYLTRKPMTTKD LKKFQTKKTGLSSEQTVNVLAQILKR LNPERKMINDKMHFSLKETRTRPLEQKLISEEDLAANDILDYKDDDDKV

 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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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	GTF2F1 general transcription factor IIF subunit 1 [Homo sapiens (human)]
Official Symbol	GTF2F1
Synonyms	GTF2F1; general transcription factor IIF, polypeptide 1, 74kDa; general transcription factor IIF, polypeptide 1 (74kD subunit); general transcription factor IIF subunit 1; BTF4; RAP74; TF2F1; TFIIF; TFIIF-alpha; transcription initiation factor RAP74; general transcription factor IIF 74 kDa subunit; transcription initiation factor IIF subunit alpha;
Gene ID	2962
mRNA Refseq	NM_002096
Protein Refseq	NP_002087
MIM	189968

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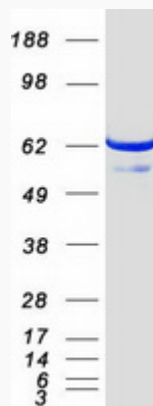
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UniProt ID

P35269

SDS-PAGE

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