

Product datasheet for TP300361

TFIIF (GTF2F2) (NM_004128) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human general transcription factor IIF, polypeptide 2, 30kDa (GTF2F2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200361 protein sequence Red =Cloning site Green =Tags(s)

MAERGELDLTGAKQNTGVWLKVPKYLSSQQWAKASGRGEVGLRIAKTQGRTEVSFTLNEDLANIHDIGG
KPASVSAPREHPFVLQSVGGQTLTVFTSSDKLSLEGIVVQRAECPAASENYMLKRLQIESSKPVR
LSQQLDKVTTNYKPVANHQYNIEYERKKKEDGKRARADKQHVLDMLFSAFEKHQYYNLKDLVDITKQPV
VYLKEILKEIGVQNVKGIHKNTWELKPEYRHYQGEEKSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	28.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004119</u>
Locus ID:	2963



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UniProt ID: [P13984](#), [A0A024RDU9](#)

RefSeq Size: 1469

Cytogenetics: 13q14.12-q14.13

RefSeq ORF: 747

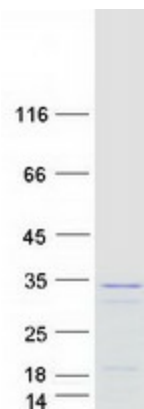
Synonyms: BTF4; RAP30; TF2F2; TFIIF

Summary: 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. This subunit shows ATP-dependent DNA-helicase activity.[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Protein Pathways: Basal transcription factors

Product images:



Coomassie blue staining of purified GTF2F2 protein (Cat# TP300361). The protein was produced from HEK293T cells transfected with GTF2F2 cDNA clone (Cat# [RC200361]) using MegaTran 2.0 (Cat# [TT210002]).