

Product datasheet for PH300361

TFIIF (GTF2F2) (NM_004128) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GTF2F2 MS Standard C13 and N15-labeled recombinant protein (NP_004119)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200361
Predicted MW:	28.4 kDa
Protein Sequence:	>RC200361 protein sequence Red=Cloning site Green=Tags(s) MAERGELDLTGAKQNTGVWLKVKPKYLSQQWAKASGRGEVGLRIAKTQGRTEVSFTLNEDLANIHDIIGG KPASVSAPREHPFVLQSVGGQTLTVFTESSSDKLSLEGI VVQRAECRPAASENYMRLKRLQIEESSKPVR LSQQLDKVVTNYKPVANHQYNI EYERKKKEDGKRARADKQHVLDMLFSAFEKHQYYNLKDLDITKQPV VYLKEILKEIGVQNVKGIHKNTWELKPEYRHYQGEEKSD TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004119
RefSeq Size:	1469
RefSeq ORF:	747
Synonyms:	BTF4; RAP30; TF2F2; TFIIF
Locus ID:	2963
UniProt ID:	P13984 , A0A024RDU9



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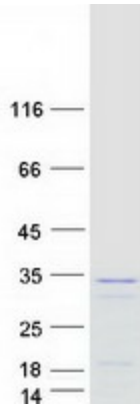
Cytogenetics: 13q14.12-q14.13

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]).