

## Product datasheet for PH321338

### GTF3C2 (NM\_001035521) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GTF3C2 MS Standard C13 and N15-labeled recombinant protein (NP_001030598)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221338
Predicted MW:	100.7 kDa
Protein Sequence:	>RC221338 protein sequence Red=Cloning site Green=Tags(s)

MDTCGVGYVALGEAGPVGNMTVVVDSPGQEVLNQLDVKTSSEMTSAEASVEMSLPTPLPGFEDSPDQRRLLP  
PEQESLSRLEQPDLSSEMSKVSQPRASKPGRKRGGRRTRKGPKRQPPNPPSAPLVPGLLDQSNPLSTPMP  
KKRGRKSKAELLLLKSKDLDRPESQSPKRPPEDFETPSGERPRRRAAQVALLYLQELAEELSTALPAPV  
SCPEGPKVSSPTKPKKIRQPAACPGGEEVDGAPRDEDFLQVEAEDVEESEGPSESSSEPEPVVPRSTPR  
GSTSGKQKPHCRGMAPNGLPDHIMAPVWKCLHLTKDFREQKHSYWEFAEWIPLAWKWHLLSELEAAPYLP  
QEEKSPLFSVQREGLPEDGTLYRINRFSSITAHPERWDVSFFTTGGPLWALDWCVPPEGAGASQYVALFSS  
PDMNETHPLSQLHSGPGLLQLWGLGTLQQESCPCGNRAHFVYGIACDNGCIWDLKFCPSGAWELPGTPRKA  
PLLRLGLLALACSDGKVLLFSLPHPEALLAQPPDAVKPAIYKVCVATLQVGSMTQATDPSECGQCLSL  
AWMPTRPHQHLAAGYYNGMVVFNWLNPTNSPLQRIRLSDGSLKLYPFQCFLAHDQAVRTLQWCKANSHFLV  
SAGSDRKIKFWDLRRPYEPINSIKRFLSTELAWLLPYNGVTVAQDNCYASYGLCGIHYIDAGYLGFKAYF  
TAPRKGTVWSLGSDDLGTIAAGDISGELIAAILPDMALNPINVKRPVERRFPIYKADLIPYQDSPEGPD  
HSSASSGVPNPPKARTYTETVNHYYLLFQDLDLGSFHDLLRREPMLRMQEGEGHSQCLDRLQLEAIHKV  
RFSPLNDSYGWLVSGGQSLVRIHFVRGLASPLGHRMQLSRAHFNAMFQPSSPTRRPGFSPTSHRLLPT  
P

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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.



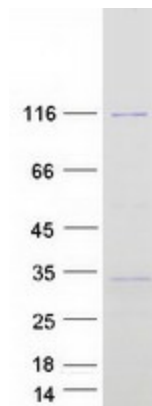
[View online »](#)

RefSeq: [NP\\_001030598](#)  
RefSeq Size: 3900  
RefSeq ORF: 2733  
Synonyms: TFIIC-BETA; TFIIC110  
Locus ID: 2976  
UniProt ID: [Q8WUA4](#)  
Cytogenetics: 2p23.3

**Summary:** Required for RNA polymerase III-mediated transcription. Component of TFIIC that initiates transcription complex assembly on tRNA and is required for transcription of 5S rRNA and other stable nuclear and cytoplasmic RNAs. May play a direct role in stabilizing interactions of TFIIC2 with TFIIC1.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified GTF3C2 protein (Cat# [TP321338]). The protein was produced from HEK293T cells transfected with GTF3C2 cDNA clone (Cat# [RC221338]) using MegaTran 2.0 (Cat# [TT210002]).