

Recombinant Human GTF3C2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GTF3C2-3985H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GTF3C2 MS Standard C13 and N15-labeled recombinant protein (NP_001030598) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	100.7 kDa
AA Sequence	MDTCGVGYVALGEAGPVGNMTVVDS PGQEVLNQLDVKTSSEMTSAEASVEMSLPT PLPGFEDSPDQRRLPPEQESLSRLEQPDLSSEMSKVSKPRASKPGRKRGGRTKRG PKRPQQPNPPSAPLVPGLLDQSNPLSTPMPPKKRGRKSKAELLLLKSKDLDRPESQ SPKRPPEDFETPSGERPRRRAAQVALLYLQELAEELSTALPAPVSCPEGPKVSSPTK PKKIRQPAACPGGEEVDGAPRDEDFLLQVEAEDVEESEGPSSESSSEPEPVVPRSTP RGSTSGKQKPHCRGMAPNGLPDHIMAPVWKCLHLTKDFREQKHSYWEFAEWIPLA WKWHLLSELEAAPYLPQEEKSPLFSVQREGLPEDGTLYRINRFSSITAHPERWDVSF FTGGPLWALDWCPVPEGAGASQYVALFSSPDMNETHPLSQLHSGPGLLQLWGLGT LQQESCPGNRAHFVYGIACDNGCIWDLKFCPSGAWELPGTPRKAPLLPRLGLLALA

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CSDGKVLFFSLPHPEALLAQPPDAVKPAIYKVQCVATLQVGSMQATDPSECGQCL
SLAWMPTRPHQHLAGYYNGMVVFWNLPTNSPLQRIRLSDGSLKLYPFQCFLAHD
QAVRTLQWCKANSHFLVSAGSDRKIKFWDLRRPYEPINSIKRFLSTELAWLLPYNGV
TVAQDNCYASYGLCGIHYIDAGYLGFKAYFTAPRKGTVWSLSGSDWLGTIAAGDISG
ELIAAILPDMALNPINVKRPFERRFPIYKADLIPYQDSPEGPDHSSASSGVPNPPKART
YTETVNHYYLLFQDSDLGSHFDLLRREPMLRMQEGEGHSQCLDRLQLEAIHKVRF
SPNLDSYGWLVSQGGQSGLVRIHFVRGLASPLGHRMQLESRAHFNAMFQPSSPTRR
PGFSPTSHRLLPTPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 GTF3C2 general transcription factor IIIC subunit 2 [Homo sapiens (human)]

Official Symbol GTF3C2

Synonyms GTF3C2; general transcription factor IIIC, polypeptide 2, beta 110kDa; general transcription factor IIIC, polypeptide 2 (beta subunit, 110kD); general transcription factor 3C polypeptide 2; KIAA0011; TFIIC110; TF3C-beta; TFIIC 110 kDa subunit; transcription factor IIIC subunit beta; transcription factor IIIC 110 kDa subunit; TFIIC-BETA;

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Gene ID	2976
mRNA Refseq	NM_001035521
Protein Refseq	NP_001030598
MIM	604883
UniProt ID	Q8WUA4
SDS-PAGE	