

## Product datasheet for TP300060

### NFYC (NM\_014223) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nuclear transcription factor Y, gamma (NFYC), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC200060 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSTEGGFGGTSSSDAQQLQSFWPRVMEEIRNLTVKDFRVQELPLARIKKIMKLEDEDVKMISAEAPVLFA  
KAAQIFITELTLRAWIHTEENKRRRLQRNDIAMAITKFDQDFLIDIVPRDELKPPKRQEEVRSVTPAE  
PVQYYFTLAQQPTAVQVQGGQQGQQTTSSTTTIQPGQIIIAQPQQGQTTPTVMQVGGQQVQIVQAQPQG  
QAQQAQSGTGQTMQVMQIITNTGEIQQIPVQLNAGQLQYIRLAQPVSGTQVVQGGQIQTLATNAQQITQT  
EVQGGQQQFSQFTDGGQLYQIQQVTMPAGQDLAQPMFIQSANQPSDGGQAPQVTGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	37 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:	<a href="#">NP_055038</a>
Locus ID:	4802



[View online »](#)

UniProt ID:	<a href="#">Q13952</a>
RefSeq Size:	2105
Cytogenetics:	1p34.2
RefSeq ORF:	1005
Synonyms:	CBF-C; CBFC; H1TF2A; HAP5; HSM; NF-YC
Summary:	This gene encodes one subunit of a trimeric complex forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoters of a variety of genes. The encoded protein, subunit C, forms a tight dimer with the B subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like motif. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Protein Families:	Transcription Factors
Protein Pathways:	Antigen processing and presentation

**Product images:**

Coomassie blue staining of purified NFYC protein (Cat# TP300060). The protein was produced from HEK293T cells transfected with NFYC cDNA clone (Cat# [RC200060]) using MegaTran 2.0 (Cat# [TT210002]).