

## Product datasheet for TP326680M

### NFYC (NM\_001142589) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens nuclear transcription factor Y, gamma (NFYC), transcript variant 4, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC226680 representing NM_001142589 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSTEGGFGGTSSSDAQQLQSFWRVMEIRNLTVKDFRVQELPLARIKKIMKLEDEDVKNRNDIAMAITKF DQFDLIDIVPRDELKPPKRQEEVRQSVTPAEPVQYYFTLAQQPTAVQVQGGQQGQQTTSSTTTTIQPGQI IIAQPQQGQTTPTVMQVGGQQVQIVQAQPQQQAQQAQSGTGQTMQVMQIITNTGEIQIIPVQLNAGQL QYIRLAQPVSGTQVWQGGQIQTLATNAQQITQTEVQQGQQQFSQFTDGGQLYQIQVVTMPAGQDLAQPMPFI QSANQPSDGGAPQVTGD  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	32.6 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><a href="#">NP_001136061</a></u>
Locus ID:	4802



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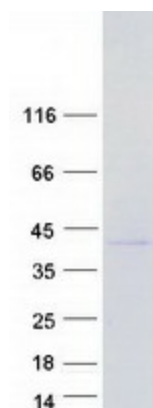
UniProt ID: [Q13952](#)  
Cytogenetics: 1p34.2  
RefSeq ORF: 891  
Synonyms: CBF-C; CBFC; H1TF2A; HAP5; HSM; NF-YC

**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# [TP326680]). The protein was produced from HEK293T cells transfected with NFYC cDNA clone (Cat# [RC226680]) using MegaTran 2.0 (Cat# [TT210002]).