

# **Product datasheet for TP300060M**

#### OriGene Technologies, Inc.

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### 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, 100 µg

Species: Human Expression Host: HEK293T

**Expression cDNA** >RC200060 protein sequence Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MSTEGGFGGTSSSDAQQSLQSFWPRVMEEIRNLTVKDFRVQELPLARIKKIMKLDEDVKMISAEAPVLFA KAAQIFITELTLRAWIHTEDNKRRTLQRNDIAMAITKFDQFDFLIDIVPRDELKPPKRQEEVRQSVTPAE PVQYYFTLAQQPTAVQVQGQQQQQQTTSSTTTIQPGQIIIAQPQQGQTTPVTMQVGEGQQVQIVQAQPQG

QAQQAQSGTGQTMQVMQQIITNTGEIQQIPVQLNAGQLQYIRLAQPVSGTQVVQGQIQTLATNAQQITQT

EVQQGQQFSQFTDGQQLYQIQQVTMPAGQDLAQPMFIQSANQPSDGQAPQVTGD

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

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: NP 055038

**Locus ID:** 4802



### NFYC (NM\_014223) Human Recombinant Protein - TP300060M

UniProt ID: Q13952

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

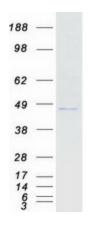
factor that binds with high specificity to CCAAT motifs in the promoters of a variety of genes. The encoded protein, subunit C, forms a tight dimer with the B subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each 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]).