

Recombinant Human NFYC

Cat. No. NFYC-29920TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human NFYC with N-terminal proprietary tag. Predicted MW 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	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.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

DAQQSLQSFWPRVMEEIRNLTVKDFRVQELPLARIKKIMKLDEDVKMISAEAPVLF
AAQIFITELTLRAWIHTEDNKRRTLQRNDIAMAITKFDQFDF

Sequence Similarities

Belongs to the NFYC/HAP5 subunit family.

GENE INFORMATION

Gene Name

NFYC nuclear transcription factor Y, gamma [Homo sapiens]

Official Symbol

NFYC

Synonyms

NFYC; nuclear transcription factor Y, gamma; nuclear transcription factor Y subunit gamma; CBF C; NF YC;

Gene ID

4802

mRNA Refseq

NM_001142587

Protein Refseq

NP_001136059

MIM

605344

Uniprot ID

Q13952

Chromosome Location

1p32

Pathway

Activation of Chaperones by ATF6-alpha, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and

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presentation, conserved biosystem; Diabetes pathways, organism-specific biosystem;
Direct p53 effectors, organism-specific biosystem;

Function

DNA binding; protein binding; sequence-specific DNA binding; sequence-specific
DNA binding transcription factor activity; sequence-specific DNA binding transcription
factor activity;

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