

Recombinant Human NFYC Protein, His/GST-tagged

Cat. No. NFYC-308H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NFYC(Met1~Val263) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Val263
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	59.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

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; transactivator HSM-1; transactivator HSM-1/2; CCAAT binding factor subunit C; transcription factor NF-Y, C subunit; CAAT box DNA-binding protein subunit C; nuclear transcription factor Y subunit C; CCAAT transcription binding factor subunit gamma; histone H1 transcription factor large subunit 2A; HSM; CBFC; HAP5; CBF-C; NF-YC; H1TF2A; FLJ45775; DKFZp667G242;

Gene ID

4802

mRNA Refseq

NM_001142587

Protein Refseq

NP_001136059

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MIM	605344
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UniProt ID	Q13952
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