Recombinant Human NFYC Protein, His/GST-tagged

NFYC-308H Human
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.
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.
Source	E. coli
Species	Human
Tag	His/GST
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	59.3kDa
Protein length	Met1~Val263
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. 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

For Research Use Only

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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
MIM	605344
UniProt ID	Q13952

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