Recombinant Full Length Human NFYB Protein

Cat. No. NFYB-338HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NFYB with a N terminal proprietary tag; Predicted MWt 48.51 kDa including the tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	207 amino acids
Description	The protein encoded by this gene is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoter regions in a variety of genes. This gene product, subunit B, forms a tight dimer with the C 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. Observation of the histone nature of these subunits is supported by two types of evidence; protein sequence alignments and experiments with mutants.
Form	Liquid
Molecular Mass	48.510kDa inclusive of tags
AA Sequence	MTMDGDSSTTDASQLGISADYIGGSHYVIQPHDDTEDSMN DHEDTNGSKESFREQ DIYLPIANVARIMKNAIPQTGKIAK DAKECVQECVSEFISFITSEASERCHQEKRKTIN GEDILF AMSTLGFDSYVEPLKLYLQKFREAMKGEKGIGGAVTATDG LSEELTEEAFT NQLPAGLITTDGQQQNVMVYTTSYQQISG VQQIQFS

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	NFYB nuclear transcription factor Y, beta [Homo sapiens]
Official Symbol	NFYB
Synonyms	NFYB; nuclear transcription factor Y, beta; nuclear transcription factor Y subunit beta; CBF A; HAP3; NFYB
Gene ID	4801
mRNA Refseq	NM_006166
Protein Refseq	NP_006157
MIM	189904
UniProt ID	P25208

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