

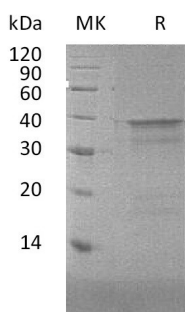
**Product Name: Recombinant Human NFYA**  
**Catalog #: PEH1220**



## Summary

<b>Name</b>	NFYA/Nuclear TF Y subunit alpha
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Nuclear Transcription Factor Y Subunit Alpha is produced by our E.coli expression system and the target gene encoding Met1-Ser318 is expressed.
<b>Accession #</b>	P23511-2
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	33.9 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM Glycine-HCl , 15% Trehalose, 2mM EDTA, 0.05% Tween80, pH 2.5.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

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**Alternative Names**

Nuclear Transcription Factor Y Subunit Alpha; CAAT Box DNA-Binding Protein Subunit A; Nuclear Transcription Factor Y Subunit A; NF-YA; NFYA

**Background**

Nuclear Transcription Factor Y Subunit  $\alpha$  (NFYA) is a member of the NFYA/HAP2 subunit family. NFYA functions as a heterotrimeric transcription factor, which is composed of three components, NF-YA, NF-YB and NF-YC, binds to CCAAT motifs in the promoter regions in a variety of genes. NFYA forms a highly conserved transcription factor which stimulates the transcription of various genes by recognizing and binding to a CCAAT motif in promoters, for example in type 1 collagen, albumin and beta-actin genes.

**Note**

For Research Use Only, Not for Diagnostic Use.