



Recombinant Protein Technical Manual

Recombinant Human NFYA Protein

RPES0735

Product Data:

Product SKU: RPES0735

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P23511-2

Protein Information:

Molecular Mass: 33.9 kDa

AP Molecular Mass: 40&60&70 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Met 1-Ser318

Background:

Nuclear Transcription Factor Y Subunit α (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.