Recombinant Human NFYA Protein

Catalog Number: PKSH032824

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

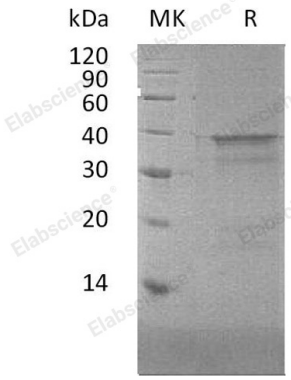
Description

Species	Human
Source	E.coli-derived Human NFYA protein Met 1-Ser318
Calculated MW	33.9 kDa
Observed MW	40&60&70 kDa
Accession	P23511-2
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, 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 20mM Glycine-HCl，15% Trehalose，2mM EDTA, 0.05% Tween80, pH 2.5.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Nuclear Transcription Factor Y Subunit α (NFYA) is a member of the NFYA/HAP2 subunit family. NFYA founctions 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.

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017