

## 32-8099: Recombinant Human Nuclear Transcription Factor Y Subunit $\alpha$ /NFYA (N-GST)

**Gene :** NFYA  
**Gene ID :** 4800  
**Uniprot ID :** P23511

### Description

Source: E.coli.  
MW :60.58kD.

Recombinant Human Nuclear TF Y subunit  $\alpha$  is produced by our E.coli expression system and the target gene encoding Met1-Ser318 is expressed with a GST tag at the N-terminus. 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.

### Product Info

**Amount :** 10  $\mu$ g / 50  $\mu$ g  
**Content :** Lyophilized from a 0.2  $\mu$ m filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA  
DKHNMLGGCPKERAISMLEGAVLDIRYGVSRAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH  
PDFMLYDALDVVLYMDPMCLDAFPLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR  
GSPEFMEQYTANSNSTEQIVVQAGQIQQQVQGQPLMVQVSGGQLITSTGQPIMVQAVPGGQGQTIMQVPVS  
GTQGLQQIQLVPPGQIQIQGGQAVQVQGGQGGQTQQIIQQPQTAVTAGQTQTQQQIAVQGGQVAQTAEGQTI  
VYQPVNADGTILQQVTVPVSGMITIPAASLAGAQIVQTGANTNTTSSGQGTVTLPVAGNVVNSGGMVMVMVP  
GAGSVPAIQRIPLPGAEMLEEEPLYVNAKQYNRILKRRQARAKLEAGKIPKERRKYLHESRHRHAMARKRGEG  
GRFFSPKEKDSPHMQDPNQADEEAMTQIIRVS

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.