

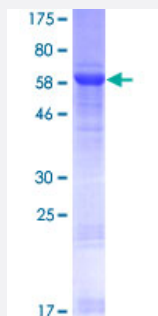
Full-Length

NFYC (Human) Recombinant Protein (P01)

Catalog # H00004802-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NFYC full-length ORF (NP_055038.2, 1 a.a. - 335 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSTEGGFGGTSSSDAQSLQSFWRVMEIIRNLTVKDFRVQELPLARIKKIMKLDEDVKMISAEA
PVLFAKAAQIFITELTLRAWIHTEENKRRTLQRNDIAMAITKFDQDFLDIVPRDELKPPKRQEEVR
QSVTPAEPVQYYFTLAQQPTAVQVQGGQQGQQTTSSTTTIQPGQIIIAQPQQGQTPVTMQVGEGQ
QVQVQAQPPGQAQQAQSGTGQTMQVMQIITNTGEIQQIPVQLNAGQLQYIRLAQPVSGTQVVQG
QIQTLATNAQQITQTEVQQGQQQFSQFTDGQQLYQIQQVTMPAGQDLAQPMFIQSANQPSDGGAP
QVTGD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

63.6

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NFYC

Entrez GeneID[4802](#)**GeneBank Accession#**[NM_014223.2](#)**Protein Accession#**[NP_055038.2](#)**Gene Name**

NFYC

Gene Alias

CBF-C, CBFC, DKFZp667G242, FLJ45775, H1TF2A, HAP5, HSM, NF-YC

Gene Description

nuclear transcription factor Y, gamma

Omim ID[605344](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes one subunit of a trimeric complex forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoters of a variety of genes. The encoded protein, subunit C, forms a tight dimer with the B 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

CCAAT binding factor subunit C|CCAAT transcription binding factor subunit gamma|OTTHUMP0000009207|OTTHUMP0000009208|OTTHUMP0000009211|OTTHUMP0000009212|histone H1 transcription factor large subunit 2A|transactivator HSM-1|transcription factor NF-Y, C

Pathway

- [Antigen processing and presentation](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)