

Recombinant Human NFYA Protein

Catalog #	Source	Reactivity	Applications
CRP2003	E. coli	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human NFYA Protein is produced by our E. coli expression system and the target gene encoding Met1-Ser318 is expressed.

Form Lyophilized from a 0.2 μ M filtered solution of PBS, pH 7.4.

Gene Symbol NFYA

Alternative Names Nuclear transcription factor Y subunit alpha; CAAT box DNA-binding protein subunit A; Nuclear transcription factor Y subunit A; NF-YA

Entrez Gene 4800 (Human)

SwissProt P23511 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure MEQYTANSNS STEQIVVQAG QIQQQVQGQP LMVQVSGGQL ITSTGQPIMV
QAVPGGQGQT IMQVPVSGTQ GLQQIQLVPP GQIQIQGGQA VQVQGQQGQT
QQIIQQPQT AVTAGQTQTQ QQIAVQGQV AQTAEGQTIV YQPVNADGTI LQQVTPVPSG
MITIPAASLA GAQIVQTGAN TTTSSGQGT VVTLPVAGN VVNSGGMVM
VPGAGSVP AI QRIPPGAEM LEEPLYVNA KQYNRILKRR QARAKLEAEG KIPKERRKYL
HESRHRHAMA RKRGEGRFF SPKEKDSPHM QDPNQADEEA MTQIIRVS

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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