

Recombinant Human NFYA Protein

Catalog #	Source	Reactivity	Applications
CRP2002	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 with a GST tag at the N-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

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 MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
 GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
 DFSLKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
 KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSPEFM EQYTANSNSS
 TEQIVVQAGQ IQQQVQGQPL MVQVSGGQLI TSTGQPIMVQ AVPGGQGQTI
 MQVPVSGTQG LQQIQLVPPG QIQIQGGQAV QVQGGQQGQTQ QIIIQQPQTA
 VTAGQTQTQQ QIAVQGGQVA QTAEGQTIVY QPVNADGTIL QQVTVPVSGM ITIPAASLAG
 AQIVQTGANT NTTSSGQGTV TVTLPVAGNV VNSGGMVMMV PGAGSVPAIQ
 RIPLPGA EML EEEPLYVNAK QYNRILKRRQ ARAKLEAEGK IPKERRKYLH ESRHRHAMAR
 KRGEGRFFS PKEKDSPHMQ DPNQADEEAM TQIIRVS

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

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

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 µg/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 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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