

GATA transcription factor 2 (GATA2), Recombinant Protein



Cat RP05120

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

Species mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana GATA transcription factor 2 (GATA2)

Product Gene Name

GATA2 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MDVYGLSSPD LLRIDDLLDF SNEDIFSASS SGGSTAATSS SSFPPPQNPS FHHHHLPSSA DHHSFLHDIC
VPSDDAAHLE WLSQFVDDSF ADFPANPLGG TMTSVKTETS FPGKPRSKRS RAPAPFAGTW SPMPLESEHQ
QLHSAAKFKP KKEQSGGGGG GGGRHQSSSS ETTEEGGMRR CTHCASEKTP QWRTGPLGPK
TLCNACGVRF KSGRLVPEYR PASSPTFVLT QHSNSHRKVM ELRRQKEVMR QPQQVQLHHH HHF

Sequence Positions

1-264, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

28,864 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

GATA-binding factor

NCBI Accession

NP_182031.1

NCBI GI

15225399

NCBI GenBank Nucleotide

NM_130069.3

NCBI GenID

819112

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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CD BioSciences

Plant Protein

Cat RP05120

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg

GATA transcription factor 2 (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Symbol

GATA2

NCBI Official Synonym Symbols

GATA transcription factor 2; T14P1.14

NCBI Protein Information

GATA transcription factor 2

NCBI Summary

Encodes a member of the GATA factor family of zinc finger transcription factors. A positive regulator of photomorphogenesis.

UniProt Gene Name

GATA2

UniProt Synonym Gene Names

AtGATA-2

UniProt Protein Name

GATA transcription factor 2

UniProt Primary Accession

O49741

UniProt Related Accession

O49741

UniProt Comments

Transcriptional activator that specifically binds 5'-GATA-3' or 5'-GAT-3' motifs within gene promoters. May be involved in the regulation of some light-responsive genes.

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