

# 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

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Species 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 LLRIDLLDF SNEDIFSASS SGGSTAATSS SSFPPPQNPS FHHHHPSSA DHHSFLHDIC  
VPSDDAAHLE WLSQFVDDSF ADFPANPLGG TMTSVKTETS FPGKPRSKRS RAPAPFAGTW SPMPLESEHQ  
QLHSAKFKP KKEQSGGGGG GGRHQSSSS ETTEGGGMRR CTHCASEKTP QWRTGPLGPK  
TLCNACGVRF KSGRLVPEYR PASSPTFVL TQSHNSHRKVM ELRRQKEVMR QPQQVQLHHH HHPF

## 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 GeneID

819112

## NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# 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

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

GATA transcription factor 2

**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.

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**