

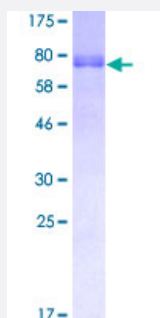
Full-Length

GATA2 (Human) Recombinant Protein (P01)

Catalog # H00002624-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GATA2 full-length ORF (NP_116027.2, 1 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEVAPEQPRWMAHPAVLNAQHPDSSHHPGLAHNYMEPAQLLPDDEVDFVFNHLD SQGNPYAN
PAHARARVSYSPAHARLTGGQMCRPHLLHSPGLPWLDGGKAALSAAAAHHNPWTVSPFSKTP
LHP SAAGGPGGPLSVYPGAGGGSGGGSGSSVASLTPTAAHSGSHLFGFPPTPPKEVSPDPSTT
GAASPASSSAGGSAARGEDKDG VKYQVSLTESMKMESGSPLRPGLATMGTPATHHPIPTYPSY
VPAAAHDYSSGLFHPGGFLGGPASSFTPKQRSKARSCSEGRECVNCGATATPLWRRDGTGHYL
CNACGLYHKMNGQNRPLIKPKRRLSAARRAGTCCANCQTTTTLWRRNANGDPVCNACGLYK L
HNVNRPLTMKKEGIQTRNRKMSNKS KSKGAECFEELSKCMQE KSSPFSAAALAGHMAPVGH
LPPFSHSGHILPTPTPIHPSSSLSF GHPHPSSMVTAMG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.9

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 — GATA2

Entrez GeneID[2624](#)**GeneBank Accession#**[NM_032638.3](#)**Protein Accession#**[NP_116027.2](#)**Gene Name**

GATA2

Gene Alias

MGC2306, NFE1B

Gene Description

GATA binding protein 2

Omim ID[137295](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. The encoded protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages. Alternative splicing results in multiple transcript variants

Other Designations

GATA-binding protein 2

Disease

- [Blast Crisis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Neoplasms](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Nasal Polyps](#)
- [Parkinson Disease](#)