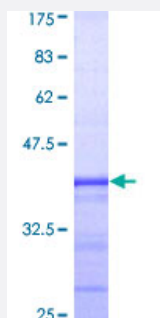


GATA2 (Human) Recombinant Protein (Q01)

Catalog # H00002624-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GATA2 partial ORF (AAH18988, 1 a.a. - 102 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEVAPEQPRWMAHPAVLNAQHPDSHHPGLAHNYMEPAQLLPDEVDVFFNHLDSQGNPYAN PAHARARVSYSPA HARLTGGQMCRPHLLHSPGLPWLDGGK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
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# [BC018988](#)

Protein Accession# [AAH18988](#)

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](#)