

Recombinant Full Length Human GATA2 Protein, GST-tagged

Cat. No. GATA2-5465HF Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Human GATA2 full-length ORF (NP_116027.2, 1 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 480 amino acids |
| Description | 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 |
| Molecular Mass | 76.9 kDa |
| AA Sequence | MEVAPEQPRWMAHPAVLNAQHPDSHHPGLAHNYMEPAQLLPPDEVDFVFNHLDS QGNPYYPANPAHARARVSYSPAHARLTGGQMCRPHLLHSPGLPWLDGGKAALSAAA AHHHNPWTVSPFSKTPLHPSAAGGPGGPLSVYPGAGGGSGGGSGSSVASLTPTAA HSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDGVKYQVSLTES MKMESGSPLRPGLATMGTQPATHHPIPTYPSYVPAAAHDYSSGLFHPGGFLGGPAS SFTPKQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNR PLIKPKRRLSAARRAGTCCANCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPL TMKKEGIQTRNRKMSNKS KSKKGAECFEELSKCMQEKS SPFSAAALAGHMAPVG |

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HLPPFHS HSGHILPTPTPIHPSSSLSGHPHPSSMVTAMG

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GATA2 GATA binding protein 2 [Homo sapiens]

Official Symbol

GATA2

Synonyms

GATA2; GATA binding protein 2; endothelial transcription factor GATA-2; NFE1B; DCML; MONOMAC; MGC2306; FLJ45948;

Gene ID

2624

mRNA Refseq

NM_001145661

Protein Refseq

NP_001139133

MIM

137295

UniProt ID

P23769

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