

Recombinant Human GATA2 Protein, GST-tagged

Cat. No. GATA2-4745H Lot. No. (See product label)

SPECIFICATION

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 Wheat Germ

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

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MEVAPEQPRWMAHPAVLNAQHPSHHPGLAHNYMEPAQLLPDEVDVFFNHLDS
QGNPYYPANPAHARARVSYSPAHARLTGGQMCRPHLLHSPGLPWLDGGKAALSAAA
AHHHNPWTVSPFSKTPLHPSAAGGPGGPLSVYPGAGGGSGGGSGSSVASLTPTAA
HSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDGVKYQVSLTES
MKMESGSPLRPGLATMGTPATHHPIPTYPSYVPAAAHDYSSGLFHPGGFLGGPAS
SFTPKQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNR
PLIKPKRRLSAARRAGTCCANCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPL
TMKKEGIQTRNRKMSNKS KSKKGAECFEELSKCMQEKSSPFSAAALAGHMAPVG
HLPPFSGHILPTPTPIHPSSSLSGHPPHSSMVTAMG
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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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