

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	MEVAPEQPRWMAHPAVLNAQHPSHHPGLAHNYMEPAQLLPDEVDFVFNHLDS QGNPYYPANPAHARARVSYSPAHLRTGGQMCRPHLLHSPGLPWLDGGKAALSAAA AHHHNPWTVSPFSKTPLHPSAAGGPGGPLSVYPGAGGGSGGGSGSSVASLTPTAA HSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDGVKYQVSLTES MKMESGSPLRPGLATMGTPATHHPIPTYPSYVPAAAHDYSSGLFHPGGFLGGPAS SFTPKQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNR PLIKPKRRLSAARRAGTCCANCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPL TMKKEGIQTRNRKMSNKS KSKGAECFEELSKCMQE KSSPFSAAALAGHMAPVG HLPPFSHSGHILPTPTPIHPSSSLSGHHPHSSMVTAMG

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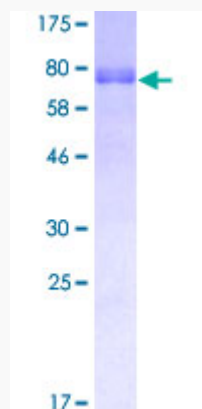
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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