

Recombinant Human GATA2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GATA2-602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GATA2 MS Standard C13 and N15-labeled recombinant protein (NP_116027) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	50.5 kDa
AA Sequence	MEVAPEQPRWMAHPAVLNAQHPDSHHPGLAHNYMEPAQLLPDEVDFVFNHLDS QGNPYYPANPAHARARVSYSPAHLRTGGQMCRPHLLHSPGLPWLDGGKAALSAAA AHHHNPWTVSPFSKTPLHPSAAGGPGGPLSVYPGAGGGSGGGSGSSVASLTPTAA HSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDGVKYQVSLTES MKMESGSPLRPGLATMGTPATHHPITYPSYVPAAAHDYSSGLFHPGGFLGGPAS SFTPKQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNR PLIKPKRRLSAARRAGTCCANCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPL TMKKEGIQTRNRKMSNKS KSKGAECFEELSKCMQE KSSPFSAALAGHMAPVG

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	HLPPFSHSGHILPTPTPIHPSSSLSGHPPSSMVTAMGTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GATA2 GATA binding protein 2 [Homo sapiens (human)]
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_032638
Protein Refseq	NP_116027
MIM	137295

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UniProt ID

P23769

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