

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

MEVAPEQPRWMAHPAVLNAQHPDSHHPGLAHNYMEPAQLLPDEVDVFFNHLDS
 QGNPYYPANPAHARARVSYSPAHARLTGGQMCRPHLLHSPGLPWLDGGKAALSAAA
 AHHHNPWTVSPFSKTPLHPSAAGGPGGPLSVYPGAGGGSGGGSGSSVASLTPTAA
 HSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDGVKYQVSLTES
 MKMESGSPLRPGLATMGTPATHHIPTYPYVPAAAHDYSSGLFHPGGFLGGPAS
 SFTPKQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNR
 PLIKPKRRLSAARRAGTCCANCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPL
 TMKKEGIQTRNRKMSNKS KSKKGAECFEELSKCMQEKSSPFSAAALAGHMAPVG

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HLPPFHSYSGHILPTPTPIHPSSSLSGHHPSSMVTAMGTRTRPLEQKLISEEDLAAN
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

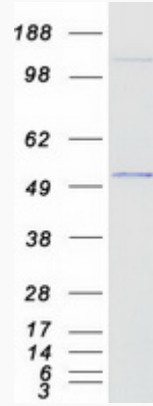
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UniProt ID P23769

SDS-PAGE



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