

Recombinant Full Length Human GATA2 Protein, C-Flag-tagged

Cat. No. GATA2-1252HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GATA2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.3 kDa
AA Sequence	MEVAPEQPRWMAHPAVLNAQHPSHHPGLAHNYMEPAQLLPDEVDFVFNHLD QGNPYYPANPAHARARV SYSPAHARLTGGQMCRPHLLHSPGLPWLDGGKAALSAA AAHHHNPWTVSPFSKTPLHPSAAGGPGGPLSV YPGAGGGSGGGSGSSVASLTPT AAHSGSHLFGFPPTPPKEVSPDPSTTGAASSAGGSAARGEDKDG VKYQVSL TESMKMESGSPLRPGLATMGTPATHHPIPTYPSYVPAAAHDYSSGLFHPGGFLGG PASSFTP KQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNG QNRPLIKPKRRLSAARRAGTCCA NCQTTTTTLWRRNANGDPVCNACGLYYKLHN

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NRPLTMKKEGIQTRNRKMSNKS KSKKGAECFEELSKC
 MQEKSSPFSAAALAGHMAPVGHLPPFSHSGHILPTPTPIHPSSSLSGHHPHPSSMVT
 AMGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	GATA2 GATA binding protein 2 [Homo sapiens (human)]
Official Symbol	GATA2
Synonyms	DCML; IMD21; NFE1B; MONOMAC
Gene ID	2624

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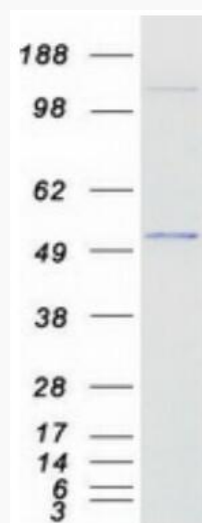
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mRNA Refseq [NM_032638.5](#)

Protein Refseq [NP_116027.2](#)

MIM [137295](#)

UniProt ID [P23769](#)



Coomassie blue staining of purified GATA2 protein.

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