

## Product datasheet for **TP308554M**

### **GATA2 (NM\_032638) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human GATA binding protein 2 (GATA2), transcript variant 2, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC208554 protein sequence

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MEVAPEQPRWMAHPAVLNAQHPDSSHHPGLAHNYMEPAQLLPPDEVDFVFNHLDSQGNPYYANPAHARARV  
SYSPA HARLTGGQMCRPHLLHSPGLPWLDGGKAALSA AAAHHHNPWTVSPFSKTP LHPSAAGGPGG PLSV  
YPGAGGGSGGGSGSSVASLTPTAAHSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDG  
VKYQVSLTESMKMESGSPLRPGLATMGTQPATHHPIPTYPSYVPA AAHDYSSGLFHPGGFLGGPASSFTP  
KQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNRPLIKPKRRLSAARRAGTCCA  
NCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPLTMKKEGIQTRNRKMSNKS KSKKGAECFEELSKC  
MQEKSSPFSAAALAGHMAPVGHLPFESHSGHILPTPTPIHPSSSLSGHHPHSSMVTAMG

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 50.3 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_116027](#)



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Locus ID: 2624

UniProt ID: [P23769](#)

RefSeq Size: 3383

Cytogenetics: 3q21.3

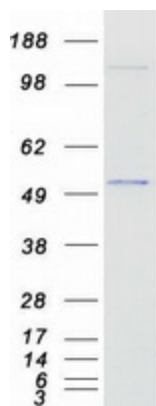
RefSeq ORF: 1440

Synonyms: DCML; IMD21; MONOMAC; NFE1B

**Summary:** 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.[provided by RefSeq, Mar 2009]

**Protein Families:** Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

### Product images:



Coomassie blue staining of purified GATA2 protein (Cat# [TP308554]). The protein was produced from HEK293T cells transfected with GATA2 cDNA clone (Cat# [RC208554]) using MegaTran 2.0 (Cat# [TT210002]).