

Product datasheet for TP308554L

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, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC208554 protein sequence

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

Sequence:

MEVAPEQPRWMAHPAVLNAQHPDSSHHPGLAHNYMEPAQLLPPDEVDFVFNHLDSQGNPYYPANPAHARARV
SYSPA HARLTGGQMCRPHLLHSPGLPWLDGGKAALSA AAAHHHNPWTVSPFSKTP LHPSAAGGPGGPLSV
YPGAGGGSGGGSGSSVASLTPTAAHSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDG
VKYQVSLTESMKMESGSPLRPGLATMGTQPATHHPIPTYPSYVPA AAHDYSSGLFHPGGFLGGPASSFTP
KQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNRPLIKPKRRLSAARRAGTCCA
NCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPLTMKKEGIQTRNRKMSNKS KSKKGAECFEELSKC
MQEKSSPFSAAAALAGHMAPVGHLPFESHSGHILPTPTPIHPSSSLSGHPPHSSMVTAMG

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](#)



[View online »](#)

Locus ID: 2624

UniProt ID: [P23769](#)

RefSeq Size: 3383

Cytogenetics: 3q21.3

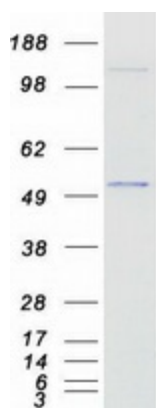
RefSeq ORF: 1440

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]).