

Product datasheet for PH308554

OriGene Technologies, Inc.

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GATA2 (NM_032638) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: GATA2 MS Standard C13 and N15-labeled recombinant protein (NP_116027)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

RC208554

or AA Sequence: Predicted MW:

50.5 kDa

Protein Sequence: >RC208554 protein sequence

Red=Cloning site Green=Tags(s)

MEVAPEQPRWMAHPAVLNAQHPDSHHPGLAHNYMEPAQLLPPDEVDVFFNHLDSQGNPYYANPAHARARV SYSPAHARLTGGQMCRPHLLHSPGLPWLDGGKAALSAAAAHHNPWTVSPFSKTPLHPSAAGGPGGPLSV YPGAGGGSGGSGSSVASLTPTAAHSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDG VKYQVSLTESMKMESGSPLRPGLATMGTQPATHHPIPTYPSYVPAAAHDYSSGLFHPGGFLGGPASSFTP KQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNRPLIKPKRRLSAARRAGTCCA NCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPLTMKKEGIQTRNRKMSNKSKKSKKGAECFEELSKC

MQEKSSPFSAAALAGHMAPVGHLPPFSHSGHILPTPTPIHPSSSLSFGHPHPSSMVTAMG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

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

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 116027

RefSeq Size: 3383 RefSeq ORF: 1440

Synonyms: DCML; IMD21; MONOMAC; NFE1B





Locus ID: 2624

 UniProt ID:
 P23769

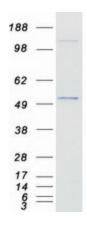
 Cytogenetics:
 3q21.3

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]).