

Product datasheet for PH308554

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:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208554
Predicted MW:	50.5 kDa
Protein Sequence:	>RC208554 protein sequence Red=Cloning site Green=Tags(s)

MEVAPEQPRWMAHPAVLNAQHPDSSHHPGLAHNYMEPAQLLPPDEVDVFFNHLDSQGNPYYPANPAHARARV
SYSPAHARLTGGQMCRPHLLHSPGLPWL DGGKAAL SAAAAHHHNPWTVSPFSKTP LHPSAAGGPGGPLSV
YPGAGGSGGGSGSSVASLTPTAAHSGSHLFGFPPTPPKEVSPDPSTTGAASPASSSAGGSAARGEDKDG
VKYQVSLTESMKMESGSPLRPLGLATMGTPATHHP IPTYPSYVPAAAHDYSSGLFHPGGFLGGPASSFTP
KQRSKARSCSEGRECVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNRPLIKPKRRLSAARRAGTCCA
NCQTTTTTLWRRNANGDPVCNACGLYYKLHNVNRPLTMKKEGIQTRNRKMSNKS KSKKGAECFEELSKC
MQEKSSPF SAAALAGHMAPVGHLPFFSHSGHILPTPTIHPSSSL SFGHPHPSSMVTAMG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_116027</u>
RefSeq Size:	3383
RefSeq ORF:	1440
Synonyms:	DCML; IMD21; MONOMAC; NFE1B



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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]).