

Product datasheet for PH301618

GATA3 (NM_002051) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GATA3 MS Standard C13 and N15-labeled recombinant protein (NP_002042)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201618
Predicted MW:	48 kDa
Protein Sequence:	>RC201618 protein sequence Red=Cloning site Green=Tags(s)

MEVTADQPRWVSHHHPAVLNGQHPDTHHPGLSHSYMDAAQYPLPEEVDVLFNIDGQGNHVPPYYGNSVRA
TVQRYPPTHHGSQVCRPPLLHGSLPWLDDGKALGSHHTASPNLSPFSKTSIHHGSPGPLSVYPPASSSS
LSGGHASPFLFTFPPTPKDVSPDPSLSTPGSAGSARQDEKECLKYQVPLPDSMKLESSHSRGSMTALGG
ASSSTHHPITTYPPYVPEYSSGLFPPSSLLGGSPGFGCKSRPKARSSTEGRECVCNCGATSTPLWRRDGT
GHYLCNACGLYHKMNGQNRPLIKPKRRLSAARRAGTSCANCQTTTTTLWRRNANGDPVCNACGLYKLNH
INRPLTMKKEGIQTRNRKMSSKSKCKKVHDSLEDFPKNSFNPAALSRHMSSLSHISPFSSHMLTTP
TPMHPPSSLSFGPHHPSSMVTAMG

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- 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_002042</u>
RefSeq Size:	3067
RefSeq ORF:	1332
Synonyms:	HDR; HDRS



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Locus ID: 2625

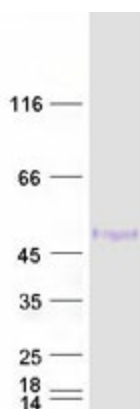
UniProt ID: [P23771](#)

Cytogenetics: 10p14

Summary: This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009]

Protein Families: Adult stem cells, ES Cell Differentiation/IPS, Stem cell relevant signaling - JAK/STAT signaling pathway, Transcription Factors

Product images:



Coomassie blue staining of purified GATA3 protein (Cat# [TP301618]). The protein was produced from HEK293T cells transfected with GATA3 cDNA clone (Cat# [RC201618]) using MegaTran 2.0 (Cat# [TT210002]).