

Recombinant Human GATA3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GATA3-978H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

GATA3 MS Standard C13 and N15-labeled recombinant protein (NP_002042) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description


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.

Molecular Mass

48 kDa

AA Sequence

MEVTADQPRWVSHHHPAVLNGQHPDTHHPGLSHSYMDAAQYPLPEEVDVLFNIDG
 QGNHVPPYYGNSVRATVQRYPPTHHGSQVCRPPLLHGSLPWLDGGKALGSHHTA
 SPWNLSPFKTSIHHGSPGPLSVYPPASSSSLSGGHASPFLFTFPPTPKDVSPDPS
 LSTPGSAGSARQDEKECLKYQVPLPDSMKLESSHSRGSMTALGGASSSTHHPITTY
 PPYVPEYSSGLFPPSSLLGGSPGFGCKSRPKARSSTEGRECVNCGATSTPLWRR
 DGTGHYLCNACGLYHKMNGQNRPLIKPKRRLSAARRAGTSCANCQTTTTTLWRRN
 ANGDVPCNACGLYYKLHNINRPLTMKKEGIQTRNRKMSSKSKKCKKVHDSLEDFPK
 NSSFNPAALSRHMSSLSHISPFSSHMLTTPMHPSSLSFGPHHPSSMVTAMG

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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

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

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [GATA3 GATA binding protein 3 \[Homo sapiens \(human\) \]](#)

Official Symbol [GATA3](#)

Synonyms GATA3; GATA binding protein 3; trans-acting T-cell-specific transcription factor GATA-3; HDR; GATA-binding factor 3; HDRS; MGC2346; MGC5199; MGC5445;

Gene ID [2625](#)

mRNA Refseq [NM_002051](#)

Protein Refseq [NP_002042](#)

MIM [131320](#)

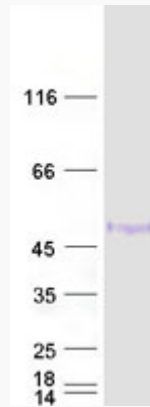
UniProt ID [P23771](#)


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SDS-PAGE



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