

Recombinant Human GATA3 protein, GST-tagged

Cat. No. GATA3-2939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GATA3(1-262aa) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-262aa
Form	1M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.0), 100 mM GSH and 1% Triton X-100, 15% glycerol.
AA Sequence	MEVTADQPRWVSHHHPAVLNGQHPDTHHPGLSHSYMDAAQYPLPEEVDVLFNIDG QGNHVPPYYGNSVRATVQRY PPTHHGSQVCRPPLLHGSLPWLDGGKALGSHHTA SPWNLSFPFSKTSIIHGGSPGPLSVYPPASSSSLSGGHASPHL FTFPPTPPKDVSPDP SLSTPGSAGSARQDEKECLKYQVPLPDSMKLESSHSRGSMTALGGASSSTHHPITT YPPY VPEYSSGLFPPSSLLGGSPTGFGCKSRPKA
Storage	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20

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centigrade to -80 centigrade.

GENE INFORMATION

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

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_001002295](#)

Protein Refseq [NP_001002295](#)

MIM [131320](#)

UniProt ID [P23771](#)

**Chromosome
Location** 10p15

Pathway Adipogenesis, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem; Hemostasis, organism-specific biosystem; IL27-mediated signaling events, organism-specific biosystem;

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Function

DNA binding; E-box binding; HMG box domain binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; core promoter proximal region sequence-specific DNA binding; core promoter sequence-specific DNA binding; metal ion binding; nucleic acid binding transcription factor activity; nucleic acid binding transcription factor activity; protein binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; transcription factor binding; transcription regulatory region DNA binding; transcription regulatory region sequence-specific DNA binding; zinc ion binding;

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