

## Recombinant Human GATA3 protein, GST-tagged

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

### SPECIFICATION

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