

Recombinant Human GATA3 protein, His-tagged

Cat. No. GATA3-2940H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GATA3(1-262aa) fused with His 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), added with 300 mM Imidazole and 0.7% sarcosyl, 15% glycerol.
AA Sequence	MEVTADQPRWVSHHHHPAVLNGQHPDTHHPGLSHSYMDAAQYPLPEEVDVLFNIDG QGNHVPPYYGNSVRATVQRY PPTHHGSQVCRPPLLHGSLPWLDGGKALGSHHTA SPWNLSPFKTSIIHHGSPGPLSVYPPASSSSLSGGHASPHL FTFPPTPPKDVSPPD SLSTPGSAGSARQDEKECLKYQVPLPDSMKLESSHSRGSMTALGGASSSTHHPITT YPPY VPEYSSGLFPPSSLLGGSPTGFGCKSRPKA
Storage	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

GENE INFORMATION

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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;
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

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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;