

# Recombinant Full Length Human GATA3 Protein, GST-tagged

Cat. No. GATA3-5467HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GATA3 full-length ORF ( NP_001002295.1, 1 a.a. - 444 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	444 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	74.4 kDa
<b>AA Sequence</b>	MEVTADQPRWVSHHHPAVLNGQHPDTHHPGLSHSYMDAAQYPLPEEVDVLFNIDG QGNHVPPYYGNSVRATVQRYPPTHHGSQVCRPPLLHGSLPWLDGGKALGSHHTA SPWNLSPFSKTSIHGSPGPLSVYPPASSSSLSGGHASPFLFTFPPTPPKDVSPDPS LSTPGSAGSARQDEKECLKYQVPLPDSMKLESSHSRGSMTALGGASSSTHHPITTY PPYVPEYSSGLFPPSSLLGGSPGFGCKSRPKARSSTEGRECVNCGATSTPLWRR DGTGHYLCNACGLYHKMNGQNRPLIKPKRRLSAARRAGTSCANCQTTTTTLWRRN ANGDPVCNACGLYYKLNINRPLTMKKEGIQTRNRKMSSKSKKCKKVHDSLEDFPK NSSFNPAALSRHMSSLSHISPFSSHMLTTPMHPSSLSFGPHHPSSMVTAMG

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GATA3 GATA binding protein 3 [ Homo sapiens ]
<b>Official Symbol</b>	GATA3
<b>Synonyms</b>	GATA3; GATA binding protein 3; trans-acting T-cell-specific transcription factor GATA-3; HDR; GATA-binding factor 3; HDRS; MGC2346; MGC5199; MGC5445;
<b>Gene ID</b>	2625
<b>mRNA Refseq</b>	NM_001002295
<b>Protein Refseq</b>	NP_001002295
<b>MIM</b>	131320
<b>UniProt ID</b>	P23771