

Recombinant Human GATA2

Cat. No. GATA2-28983TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human GATA2 with N terminal proprietary tag, 36.85kDa.
Species	Human
Source	Wheat Germ
ProteinLength	102 amino acids
Description	This gene encodes a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. The encoded protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages. Alternative splicing results in multiple transcript variants.
Molecular Weight	36.850kDa inclusive of tags
Tissue specificity	Endothelial cells.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

cycles.

Sequences of amino acids MEVAPEQPRWMAHPAVLNAQHPDSHHPGLAHNYMEPAQLL PPDEV DVFFNHLDS QGNPYYPANPAHARARVSYSPA HARLT GGQMCRPHLLHSPGLPWLDGGK

Sequence Similarities Contains 2 GATA-type zinc fingers.

GENE INFORMATION

Gene Name [GATA2 GATA binding protein 2 \[Homo sapiens \]](#)

Official Symbol [GATA2](#)

Synonyms GATA2; GATA binding protein 2; endothelial transcription factor GATA-2; NFE1B;

Gene ID [2624](#)

mRNA Refseq [NM_001145661](#)

Protein Refseq [NP_001139133](#)

MIM [137295](#)

Uniprot ID [P23769](#)

Chromosome Location 3q21

Pathway Adipogenesis, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; Hemostasis, organism-

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem;

Function

C2H2 zinc finger domain binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II distal enhancer sequence-specific DNA binding;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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