Recombinant Human GATA4

Cat. No. GATA4-28985TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 343-442 of Human GATA4 with a proprietary tag; Predicted MWt 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	This gene encodes a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. This protein is thought to regulate genes involved in embryogenesis and in myocardial differentiation and function. Mutations in this gene have been associated with cardiac septal defects.
Molecular Weight	36.630kDa
Biological activity	useful for Antibody Production and Protein Array
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione

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

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	ASGASSNSSNATTSSSEEMRPIKTEPGLSSHYGHSSSVSQTFSVSAMSGHGPSIHP VLSALKLSPQGYASPVSQSPQTSSKQDSWNSLVLADSHGDIITA
Sequence Similarities	Contains 2 GATA-type zinc fingers.

GENE INFORMATION

Gene Name	GATA4 GATA binding protein 4 [Homo sapiens]
Official Symbol	GATA4
Synonyms	GATA4; GATA binding protein 4; transcription factor GATA-4;
Gene ID	2626
mRNA Refseq	NM_002052
Protein Refseq	NP_002043
MIM	600576
Uniprot ID	P43694
Chromosome Location	8p23.1-p22
Pathway	Adipogenesis, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Heart

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

	Development, organism-specific biosystem; Hemostasis, organism-specific biosystem; Incretin Synthesis, Secretion, and Inactivation, organism-specific biosystem;
Function	DNA binding; activating transcription factor binding; metal ion binding; protein binding; 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