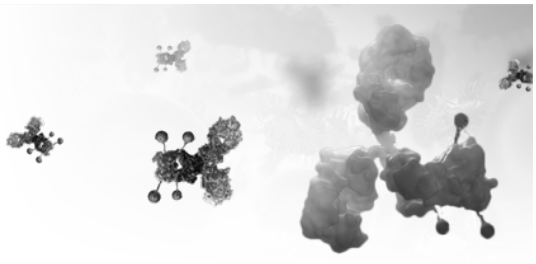

Human GATA2 peptide (DAG-P1607)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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.[provided by RefSeq, Mar 2009]
Specificity	Endothelial cells.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 2 GATA-type zinc fingers.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	GATA2 GATA binding protein 2 [Homo sapiens (human)]
Official Symbol	GATA2
Synonyms	GATA2; GATA binding protein 2; DCML; IMD21; NFE1B; MONOMAC; endothelial transcription factor GATA-2;
Entrez Gene ID	2624

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mRNA Refseq	NM_001145661.1
Protein Refseq	NP_001139133.1
UniProt ID	P23769
Chromosome Location	3q21.3
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-specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem; Regulation of Androgen receptor activity, organism-specific biosystem; SIDS Susceptibility Pathways, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific b
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;

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