



Human GATA3 peptide (DAG-P0542)

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

PRODUCT INFORMATION

Antigen Description	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]
Specificity	T-cells and endothelial cells.
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	GATA3 GATA binding protein 3 [Homo sapiens (human)]
Official Symbol	GATA3
Synonyms	GATA3; GATA binding protein 3; HDR; HDRS; trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3;
Entrez Gene ID	2625
mRNA Refseq	NM_001002295.1

Protein Refseq	NP_001002295.1
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; Inflammatory bowel di
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; RNA polymerase II core promoter proximal regi