



Human GATA4 peptide (DAG-P1630)

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

PRODUCT INFORMATION

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| Antigen 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. [provided by RefSeq, Jul 2008] |
| 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

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| Gene Name | GATA4 GATA binding protein 4 [Homo sapiens (human)] |
| Official Symbol | GATA4 |
| Synonyms | GATA4; GATA binding protein 4; ASD2; VSD1; TACHD; transcription factor GATA-4; GATA-binding factor 4; |
| Entrez Gene ID | 2626 |
| mRNA Refseq | NM_002052.3 |

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| Protein Refseq | NP_002043.2 |
| UniProt ID | P43694 |
| Chromosome Location | 8p23.1-p22 |
| Pathway | Adipogenesis, organism-specific biosystem; Cardiac Progenitor Differentiation, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Heart Development, organism-specific biosystem; Hemostasis, organism-specific biosystem; Incretin Synthesis, Secretion, and Inactivation, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; MicroRNAs in cardiomyocyte hypertrophy, organism-specific biosystem; Not |
| Function | DNA binding; NFAT protein binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; RNA polymerase II regulatory region sequence-specific DNA binding; RNA polymerase II transcription factor binding transcripti |