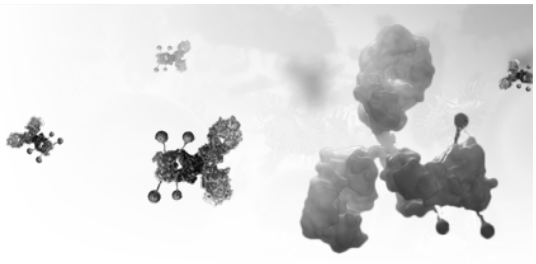

Human FOXA2 peptide (DAG-P1627)

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 forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 fork-head DNA-binding domain.
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	FOXA2 forkhead box A2 [Homo sapiens (human)]
Official Symbol	FOXA2
Synonyms	FOXA2; forkhead box A2; HNF3B; TCF3B; hepatocyte nuclear factor 3-beta; HNF-3B; TCF-3B; HNF-3-beta; forkhead box protein A2; transcription factor 3B; hepatic nuclear factor-3-beta; hepatocyte nuclear factor 3, beta;
Entrez Gene ID	3170

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mRNA Refseq	NM_021784.4
Protein Refseq	NP_068556.2
UniProt ID	B0ZTD4
Chromosome Location	20p11
Pathway	Cardiac Progenitor Differentiation, organism-specific biosystem; Developmental Biology, organism-specific biosystem; FOXA transcription factor networks, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Heart Development, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Maturity onset diabetes of the young, organism-s
Function	DNA binding; DNA binding, bending; RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; RNA polymerase II distal enhancer sequence-spe

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