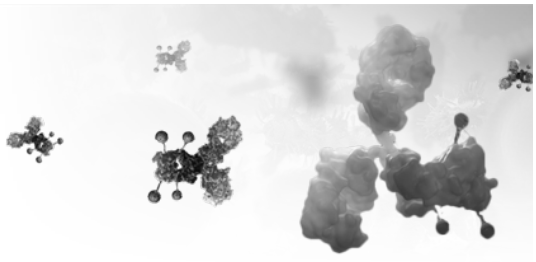

Human KLF5 peptide (DAG-P1688)

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 Kruppel-like factor subfamily of zinc finger proteins. The encoded protein is a transcriptional activator that binds directly to a specific recognition motif in the promoters of target genes. This protein acts downstream of multiple different signaling pathways and is regulated by post-translational modification. It may participate in both promoting and suppressing cell proliferation. Expression of this gene may be changed in a variety of different cancers and in cardiovascular disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013]
Specificity	Expressed only in testis and placenta.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the krueppel C2H2-type zinc-finger protein family.Contains 3 C2H2-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	KLF5 Kruppel-like factor 5 (intestinal) [Homo sapiens (human)]
Official Symbol	KLF5
Synonyms	KLF5; Kruppel-like factor 5 (intestinal); CKLF; IKLF; BTEB2; Krueppel-like factor 5; BTE-binding protein 2; GC box binding protein 2; colon kruppel-like factor; colon krueppel-like factor; transcription factor BTEB2; intestinal-enriched kruppel-like factor; intestinal-enriched krueppel-

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	like factor; basic transcription element binding protein 2;
Entrez Gene ID	688
mRNA Refseq	NM_001286818.1
Protein Refseq	NP_001273747.1
UniProt ID	A2TJX0
Chromosome Location	13q22.1
Pathway	Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;
Function	DNA binding; metal ion binding; protein binding; sequence-specific DNA binding transcription factor activity;

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