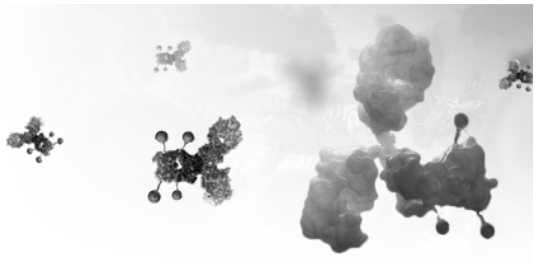

Human GDF15 peptide (DAG-P0496)

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

PRODUCT INFORMATION

Antigen Description	Bone morphogenetic proteins (e.g., BMP9; MIM 605120) are members of the transforming growth factor-beta (see TGFB1; MIM 190180) superfamily and regulate tissue differentiation and maintenance. They are synthesized as precursor molecules that are processed at a dibasic cleavage site to release C-terminal domains containing a characteristic motif of 7 conserved cysteines in the mature protein.[supplied by OMIM, Oct 2009]
Specificity	Highly expressed in placenta, with lower levels in prostate and colon and some expression in kidney.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the TGF-beta family.
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	GDF15 growth differentiation factor 15 [Homo sapiens (human)]
Official Symbol	GDF15
Synonyms	GDF15; growth differentiation factor 15; PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15; growth/differentiation factor 15; NRG-1; PTGF-beta; placental TGF-beta; NSAID-activated gene 1 protein; NSAID-regulated gene 1 protein; prostate differentiation factor; macrophage inhibitory

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	cytokine 1; placental bone morphogenetic protein; NSAID (nonsteroidal anti-inflammatory drug)-activated protein 1;
Entrez Gene ID	9518
mRNA Refseq	NM_004864.2
Protein Refseq	NP_004855.2
UniProt ID	Q99988
Chromosome Location	19p13.11
Pathway	Direct p53 effectors, organism-specific biosystem;
Function	cytokine activity; growth factor activity;

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