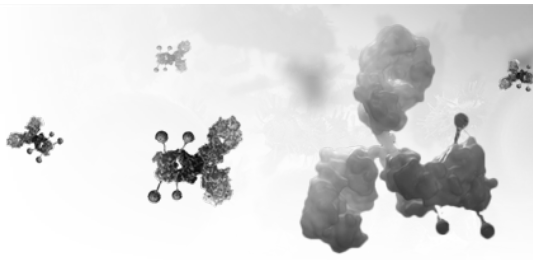

Human GRHL1 peptide (DAG-P0577)

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 grainyhead family of transcription factors. The encoded protein can exist as a homodimer or can form heterodimers with sister-of-mammalian grainyhead or brother-of-mammalian grainyhead. This protein functions as a transcription factor during development. [provided by RefSeq, Jun 2009]
Specificity	Isoform 1 is highly expressed in brain, pancreas, tonsil, placenta and kidney. Isoform 2 is highly expressed in brain and liver. Highly expressed in placental JEG-3 cells and at very low levels in non-steroidogenic cells. No expression detected in adrenal
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the grh/CP2 family. Grainyhead subfamily.
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	GRHL1 grainyhead-like 1 (Drosophila) [Homo sapiens (human)]
Official Symbol	GRHL1
Synonyms	GRHL1; grainyhead-like 1 (Drosophila); MGR; NH32; LBP32; TFCP2L2; grainyhead-like protein 1 homolog; LBP protein 32; mammalian grainyhead; transcription factor LBP-32; transcription factor CP2-like 2;

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Entrez Gene ID	29841
mRNA Refseq	NM_198182.2
Protein Refseq	NP_937825.2
UniProt ID	Q9NZI5
Chromosome Location	2p25.1
Pathway	Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem; Regulation of Lipid Metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha), organism-specific biosystem;
Function	DNA binding;

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