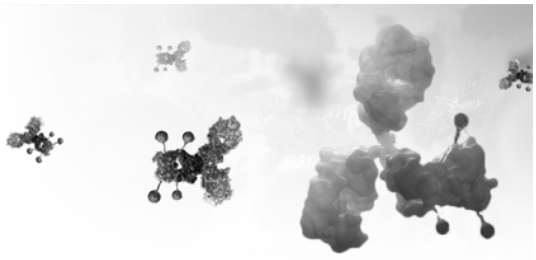

Human EN1 peptide (DAG-P0472)

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

PRODUCT INFORMATION

Antigen Description	Homeobox-containing genes are thought to have a role in controlling development. In Drosophila, the engrailed (en) gene plays an important role during development in segmentation, where it is required for the formation of posterior compartments. Different mutations in the mouse homologs, En1 and En2, produced different developmental defects that frequently are lethal. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during development of the central nervous system. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the engrailed homeobox family.Contains 1 homeobox 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	EN1 engrailed homeobox 1 [Homo sapiens (human)]
Official Symbol	EN1
Synonyms	EN1; engrailed homeobox 1; homeobox protein engrailed-1; hu-En-1; engrailed homolog 1; homeobox protein en-1;
Entrez Gene ID	2019

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mRNA Refseq	NM_001426.3
Protein Refseq	NP_001417.3
UniProt ID	Q05925
Chromosome Location	2q14.2
Pathway	SIDS Susceptibility Pathways, organism-specific biosystem;
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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