



Human NODAL peptide (DAG-P0026)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the TGF-beta superfamily. Studies of the mouse counterpart suggested that this gene may be essential for mesoderm formation and subsequent organization of axial structures in early embryonic development. [provided by RefSeq, Jul 2008]
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	NODAL nodal growth differentiation factor [Homo sapiens (human)]
Official Symbol	NODAL
Synonyms	NODAL; nodal growth differentiation factor; HTX5; nodal homolog;
Entrez Gene ID	4838
mRNA Refseq	NM_018055.4
Protein Refseq	NP_060525.3
UniProt ID	Q96S42

Chromosome Location	10q22.1
Pathway	Cardiac Progenitor Differentiation, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Integrated Pancreatic Cancer Pathway, organism-specific biosystem; Regulation of Signaling by NODAL, organism-specific biosystem; Signaling by NODAL, organism-specific biosystem; TGF-beta signaling pathway, organism-specific biosystem; TGF-beta signaling pathway, conserved biosystem;
Function	cytokine activity; growth factor activity; morphogen activity; receptor agonist activity; type I activin receptor binding;