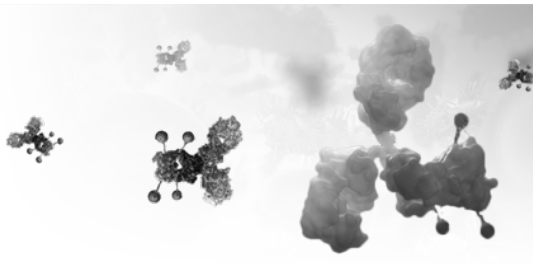

Human FOXN1 peptide (DAG-P0526)

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

PRODUCT INFORMATION

Antigen Description	Mutations in the winged-helix transcription factor gene at the nude locus in mice and rats produce the pleiotropic phenotype of hairlessness and athymia, resulting in a severely compromised immune system. This gene is orthologous to the mouse and rat genes and encodes a similar DNA-binding transcription factor that is thought to regulate keratin gene expression. A mutation in this gene has been correlated with T-cell immunodeficiency, the skin disorder congenital alopecia, and nail dystrophy. Alternative splicing in the 5 UTR of this gene has been observed. [provided by RefSeq, Jul 2008]
Specificity	Expressed in thymus.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 fork-head DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	FOXN1 forkhead box N1 [Homo sapiens (human)]
Official Symbol	FOXN1
Synonyms	FOXN1; forkhead box N1; WHN; RONU; FKHL20; forkhead box protein N1; Rowett nude; winged helix nude; winged-helix nude; winged-helix transcription factor nude;
Entrez Gene ID	8456

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mRNA Refseq	NM_003593.2
Protein Refseq	NP_003584.2
UniProt ID	O15353
Chromosome Location	17q11-q12
Function	DNA binding, bending; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; double-stranded DNA binding; sequence-specific DNA binding; transcription factor binding;

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