



Mouse E2F3 peptide (DAG-P0451)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of a small family of transcription factors that function through binding of DP interaction partner proteins. The encoded protein recognizes a specific sequence motif in DNA and interacts directly with the retinoblastoma protein (pRB) to regulate the expression of genes involved in the cell cycle. Altered copy number and activity of this gene have been observed in a number of human cancers. There are pseudogenes for this gene on chromosomes 2 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the E2F/DP 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	E2F3 E2F transcription factor 3 [Homo sapiens (human)]
Official Symbol	E2F3
Synonyms	E2F3; E2F transcription factor 3; E2F-3; transcription factor E2F3;
Entrez Gene ID	1871

mRNA Refseq	NM_001243076.2
Protein Refseq	NP_001230005.1
UniProt ID	O00716
Chromosome Location	6p22
Pathway	Assembly of the pre-replicative complex, organism-specific biosystem; Association of licensing factors with the pre-replicative complex, organism-specific biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; CDC6 association with the ORC:origin complex, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell
Function	core promoter binding; protein binding; sequence-specific DNA binding transcription factor activity;