



Human MYCN peptide (DAG-P0034)

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

PRODUCT INFORMATION

Antigen Description	This gene is a member of the MYC family and encodes a protein with a basic helix-loop-helix (bHLH) domain. This protein is located in the nucleus and must dimerize with another bHLH protein in order to bind DNA. Amplification of this gene is associated with a variety of tumors, most notably neuroblastomas. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Contains 1 basic helix-loop-helix (bHLH) 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	MYCN v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog [Homo sapiens (human)]
Official Symbol	MYCN
Synonyms	MYCN; v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog; NMYC; ODED; MODED; N-myc; MYCNOT; bHLHe37; N-myc proto-oncogene protein; pp65/67; oncogene NMYC; neuroblastoma MYC oncogene; class E basic helix-loop-helix protein 37; neuroblastoma-derived v-myc avian myelocytomatosis viral related oncogene;
Entrez Gene ID	4613
mRNA Refseq	NM_005378.4

Protein Refseq	NP_005369.2
UniProt ID	P04198
Chromosome Location	2p24.3
Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	DNA binding; protein binding; protein dimerization activity; sequence-specific DNA binding transcription factor activity;