Recombinant Human MYCN

Cat. No. MYCN-30409TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-100 of Human n-Myc with a proprietary tag; Predicted MWt 36.63 kDa including tag.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
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.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MPSCSTSTMPGMICKNPDLEFDSLQPCFYPDEDDFYFGGPDSTPPGEDIWKKFELL PTPPLSPSRGFAEHSSEPPSWVTEMLLENELWGSPAEEDAFGLG
Sequence Similarities	Contains 1 basic helix-loop-helix (bHLH) domain.

GENE INFORMATION

Gene Name	MYCN v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian) [Homo sapiens]
Official Symbol	MYCN
Synonyms	MYCN; v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian); NMYC, v myc avian myelocytomatosis viral related oncogene, neuroblastoma derived; N-myc proto-oncogene protein; bHLHe37; N myc;
Gene ID	4613
mRNA Refseq	NM_005378
Protein Refseq	NP_005369
MIM	164840
Uniprot ID	P04198
Chromosome Location	2p24.3
Pathway	Transcriptional misregulation in cancers, organism-specific biosystem; Transcriptional misregulation in cancers, conserved biosystem;

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Function	DNA binding; protein binding; sequence-specific DNA binding transcription factor activity;

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