Recombinant Full Length Human MYCN Protein, GST-tagged

Cat. No. MYCN-7006HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length MYCN(1 a.a. - 464 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	464 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. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	76 kDa
AA Sequence	MPSCSTSTMPGMICKNPDLEFDSLQPCFYPDEDDFYFGGPDSTPPGEDIWKKFELL PTPPLSPSRGFAEHSSEPP SWVTEMLLENELWGSPAEEDAFGLGGLGGLTPNPVIL QDCMWSGFSAREKLERAVSEKLQHGRGPPTAGSTAQSP GAGAASPAGRGHGGA AGAGRAGAALPAELAHPAAECVDPAVVFPFPVNKREPAPVPAAPASAPAAGPAVAS GAGI AAPAGAPGVAPPRPGGRQTSGGDHKALSTSGEDTLSDSDDEDDEEEDEEEE

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	IDVVTVEKRRSSSNTKAVTTFTIT VRPKNAALGPGRAQSSELILKRCLPIHQQHNYAA PSPYVESEDAPPQKKIKSEASPRPLKSVIPPKAKSLSPRNS DSEDSERRRNHNILER QRRNDLRSSFLTLRDHVPELVKNEKAAKVVILKKATEYVHSLQAEEHQLLLEKEKLQ AR QQQLLKKIEHARTC
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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; pp65/67; oncogene NMYC; neuroblastoma MYC oncogene; class E basic helix-loop-helix protein 37; neuroblastoma-derived v-myc avian myelocytomatosis viral related oncogene; v-myc avian myelocytomatosis viral related oncogene, neuroblastoma derived; NMYC; ODED; MODED; N-myc;
Gene ID	4613
mRNA Refseq	NM_005378
Protein Refseq	NP_005369
MIM	164840

UniProt ID	P04198

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