

## Active Recombinant Full Length Human MYCN Protein, GST&His tagged

Cat. No. MYCN-10HFL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Human v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian) (MycN), full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-464 aa
<b>Description</b>	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.
<b>Molecular Mass</b>	77.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Note</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Storage Buffer</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Concentration</b>	> 0.05 µg/µL as determined by microplate BCA method
<b>Shipping</b>	Dry Ice

## GENE INFORMATION

<b>Gene Name</b>	MYCN MYCN proto-oncogene, bHLH transcription factor [ Homo sapiens (human) ]
<b>Official Symbol</b>	MYCN
<b>Synonyms</b>	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;
<b>Gene ID</b>	4613
<b>mRNA Refseq</b>	NM_005378
<b>Protein Refseq</b>	NP_005369

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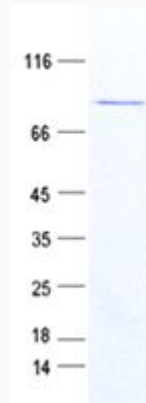
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**MIM** 164840

**UniProt ID** P04198

**SDS-PAGE**



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