



# Recombinant Chicken Myc proto-oncogene protein (MYC)

<b>Product Code</b>	CSB-YP015270CH
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P01109
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPLSASLPSK NYDYDYDSVQ PYFYFEEEEEE NFYLAAQQRG SELQPPAPSE DIWKKFELLP TPPLSPSRRS SLAAASCFPS TADQLEMVTE LLGGDMVNQS FICDPDES F VKSIIIQDCM WSGFSAAAKL EKVVSEKLAT YQASRREGGP AAASRPGPPP SGPPPPAGP AASAGLYLHD LGAAAADCID PSVVFYPLS ERAPRAAPP ANPAALLGVD TPPTTSSDSE EEQEEDDEID VVTLAEANES ESSTESSTE A SEEHCKPHHS PLVLKRCHVN IHQHNYAAPP STKVEYPAAK RLKLD SGRVL KQISNNRKCS SPRTSDSEEN DKRRTHNVLE RQRRNELKLS FFALRDQIPE VANNEKAPKV VILKKATEYV LSIQSDEHRL IAEKEQLRRR REQLKHKLEQ LRNSRA
<b>Source</b>	Yeast
<b>Target Names</b>	MYC
<b>Protein Names</b>	Recommended name: Myc proto-oncogene protein Short name= c-Myc
<b>Expression Region</b>	1-416
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.