Recombinant Cat Myc proto-oncogene protein (MYC)

Product Code	CSB-EP015270CA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P68271
Product Type	Recombinant Protein
Immunogen Species	Felis catus (Cat) (Felis silvestris catus)
Purity	>85% (SDS-PAGE)
Sequence	MPLNVSFANR NYDLDYDSVQ PYFYCDEEEN FYQQQQQSEL QPPAPSEDIW KKFELLPTPP LSPSRRSGLC SPSYVAFASF SPRGDDDGGG GSFSTADQLE MVTELLGGDM VNQSFICDPD DETFIKNIII QDCMWSGFSA AAKLVSEKLA SYQAARKDSG SPSPARGPGG CPTSSLYLQD LTAAASECID PSVVFPYPLN DSSSPKPCAS PDSAAFSPSS DSLLSSAESS PRASPEPLAL HEETPPTTSS DSEEEQEEEE EIDVVSVEKR QPPAKRSESG SPSAGGHSKP PHSPLVLKRC HVPTHQHNYA APPSTRKDYP AAKRAKLDSG RVLKQISNNR KCISPRSSDT EENDKRRTHN VLERQRRNEL KRSFFALRDQ IPELENNEKA PKVVILKKAT AYILSVQAGE QKLISEKDLL RKRREQLKHK LEQLRNSCA
Source	E.coli
Target Names	MYC
Protein Names	Recommended name: Myc proto-oncogene protein Alternative name(s): Proto-oncogene c-Myc Transcription factor p64
Expression Region	1-439
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.
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.