

V-Myc Myelocytomatosis Viral Oncogene Recombinant Protein | MYC recombinant protein

Recombinant Human V-Myc Myelocytomatosis Viral Oncogene

CATALOG #
AAA38885

HOST
E Coli

PRODUCT SYNONYMS

V-Myc Myelocytomatosis Viral Oncogene; Recombinant Human V-Myc Myelocytomatosis Viral Oncogene; MYC Human; V-Myc Myelocytomatosis Viral Oncogene Human Recombinant; MYC; CMYC; C-MYS; V-MYC; P64; MYC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by SEC-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Myc was lyophilized after extensive dialysis against PBS. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MGSSHHH HHHSSGLVPR GSHMGSEF u>MEFLLGNP FSTPVGQCLE KATDGS LQSE DWTLNMEICD IINETEEGPK DAIRALKKRL NGNRNYREVM LALT VLETCV KNCGHRFHIL VANRDFIDSV LVKIISPKNN PPTIVQDKVL ALIQAWADAF RSSPDLTG VV HIYEELKRKG VEFPMADLDA LSPHPTQRS VPEVDP AATM PRSQSQRTS AGSYSSPPPA PYSAPQAPAL SVTG PITANS EQIARLRSEL DVVRGNTKVM SEMLTEMVPG QEDSSDLELL QELNRTC RAM QQRIVELISR VSNEEVTEEL LHVNDLNNV FLRYERFERY RSGRSVQNAS NGVLNEVTED NLIDLPGSP AVVSPMVGNT APPSSLSSQL AGLDLGTESV SGTLSLQQC NPRDGFDMFA QTRGNSLA EQ RKTVTYEDPQ AVGGGLASALD NRKQSSSEGIP VAQP SVMDDI EVWLRTDLKG DDLEEGVTSE EFDKFLEERA KAAEMVPDLP SPPMEAPAPA SNPSGRKKPE RSEDALFAL
Sequence Length	439
Solubility	It is recommended to reconstitute the lyophilized Myc in sterile PBS not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.

ADDITIONAL INFORMATION

Related Product Information for MYC recombinant protein	Description: Myc Human Recombinant produced in E Coli is a single, non-glycosylated, Polypeptide chain containing 439 amino acids and having a molecular mass of 48.8kDa. The Myc is fused to a C-terminal poly-arginine tag and purified by proprietary chromatographic techniques. Introduction: c-Myc 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 c-Myc 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.
Product Categories/Family for MYC recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	124111163
NCBI GeneID	464393
Molecular Weight	48,846 Da

NCBI Official Full Name	MYC
NCBI Official Symbol	MYC
NCBI Protein Information	myc proto-oncogene protein; proto-oncogene c-Myc; transcription factor p64; v-myc myelocytomatosis viral oncogene homolog
UniProt Protein Name	Myc proto-oncogene protein
UniProt Gene Name	MYC
UniProt Entry Name	MYC_PANTR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/myc-recombinant-protein-e-coli/38885>