

c-Myc Protein, Mouse, Recombinant (GST)

General Information

Synonyms: Myc proto-oncogene protein;Myc;Transcription factor p64;Proto-oncogene c-Myc

Protein Construction: 1-439 aa

Species: Mouse

Expression Host: E. coli

Accession: P01108

Molecular Weight: 76.0 kDa (predicted)

AA Sequence:

MPLNVNFTNRNYDLDYDSVQPYFICDEEENFYHQQQSELQPPASEDIWKKFELLPTPPLSPSRRSGLCSPS
YVAVATSFSPREDDDDGGGNFSTADQLEMTELLGGDMVNQSFICDPDDETFIKNIIIQDCMWSGFSAAKL
VSEKLASYQAARKDSTSLSPARGHSVCSTSSLYLQDLTAAASECIDPSVVPYPLNDSSSPKSCTSSDSTAFSP
SSDLSLSESSPRASPEPLVLHEETPPTTSSDSEEEQEDEEIDVVSVEKRQTPAKRSESGSSPSRGHSPHSP
LVLKRCHVSTHQHNYAAPSTRKDYPAAKRAKLDSEGRVLKQISNNRKCSSPRSSDTEENDKRRTHNVLERQR
RNELKRSFFALRDQIPELENNEKAPKVVILKKATAYILSIQADEHKLTKEDLLRKRREQLKHKLEQLRNSGA

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 90% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

A DRUG SCREENING EXPERT

Transcription factor that binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Activates the transcription of growth-related genes. Binds to the VEGFA promoter, promoting VEGFA production and subsequent sprouting angiogenesis. Regulator of somatic reprogramming, controls self-renewal of embryonic stem cells. Functions with TAF6L to activate target gene expression through RNA polymerase II pause release.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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