Myc-Associated Factor X (MYC) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Myc-Associated Factor X, Recombinant Protein
Full Product Name	Human Myc-Associated Factor X Recombinant Protein C-6 His Tag Lyophilized
Product Gene Name	Myc recombinant protein
Host	E Coli
Form/Format	This is a Lyophilized protein buffered in lyophilized from a 0.2um filtered solution of 20mM TrisHCl, 50mM Imidazole, 250mM NaCl, pH 8.5. It is not recommended to reconstitute to a concentration less than 100UG/ml. Dissolve the lyophilized protein in ddH2
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
Species	Human
Tag	C-6 His
Related Product Information for Myc recombinant protein	Human Myc-Associated Factor X Recombinant Protein C-6 His Tag Lyophilized has been recombinantly produced in E Coli. Myc-Associated Factor X (MAX) is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It contains 1 basic helix-loop-helix (bHLH) domain. It is found in the brain, heart, and lung at high levels while lower levels are seen in the liver, kidney, and skeletal muscle. MAX forms a sequence-specific DNA-binding protein complex with MYC or MAD which recognizes the core sequence 5'-CAC[GA]TG-3'. The MYC-MAX complex is a transcriptional activator, whereas the MAD-MAX complex is a repressor. It may repress transcription via the recruitment of a chromatin remodeling complex containing H3 'Lys-9' histone methyltransferase activity. This recombinant protein can be used for biological assays.
Other Notes	Small volumes of Myc recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Myc purchase	MBS8432934 is a recombinant protein targeting Myc. Also known as Human Myc-Associated Factor X Recombinant Protein C-6 His Tag Lyophilized. Host: E Coli.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Myc. It may not necessarily be applicable to this product.

Protein Family	Myc protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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