

Recombinant Human Myc-Associated Factor X Protein

Cat.NO.: TP05346

3th Edition

Synonyms:Protein Max; Class D Basic Helix-Loop-Helix Protein 4; bHLHd4;; Myc-Associated Factor X; MAX; BHLHD4

Description: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.

Form:PBS

Molecular Weight:18.3 kDa

Sequences:Met 1-Ser151

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.