

Recombinant Human MAX

Catalog No: C196

Description	Recombinant Human Myc-Associated Factor X is produced by our E.coli expression system and the target gene encoding Met1-Ser151 is expressed with a 6His tag at the C-terminus.
Source	E.coli
Alternative name	Protein Max; Class D Basic Helix-Loop-Helix Protein 4; bHLHd4;; Myc-Associated Factor X; MAX; BHLHD4
Accession No.	P61244
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 50mM Imidazole, 250mM NaCl, pH 8.5.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg).
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Amino Acid Sequence	MSDNDDIEVESDADKRAHHNALERKRRDHIKDSFHSRLRDSVPSLQGEKASRAQILDKATEYIQYMRR KNHTHQQDIDDLKRQ NALLEQQVRALEKARSSAQLQTNYPSSDNSLYTNAKGSTISAFDGGSDSSSESEPEEPQSRKKLRM EASLEHHHHHH
Background	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.

SDS-Page

