

Product Name: Recombinant Human MAX (C-6His)
Catalog #: PEH1136

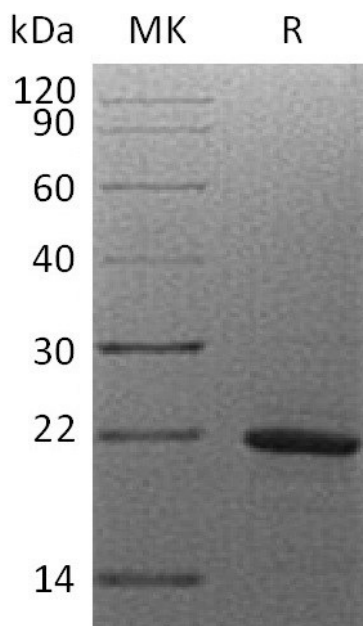


Summary

Name	Max
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P61244-2
Host	E.coli
Species	Human
Predicted Molecular Mass	18.27 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 250mM NaCl, pH 8.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.