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Datasheet for ABIN7319268 MAX Protein (His tag)

Overview

Quantity:	50 µg
Target:	MAX
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAX protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human MAX Protein (His Tag)
Sequence:	Met 1-Ser151
Characteristics:	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.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	MAX
Alternative Name:	MAX (MAX Products)
Background:	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

Target Details

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.

Synonym: Protein Max, Class D Basic Helix-Loop-Helix Protein 4, bHLHD4, Myc-Associated Factor X, MAX, BHLHD4

Molecular Weight: 18.3 kDa

NCBI Accession: [NP_002373](#)

Pathways: [Mitotic G1-G1/S Phases](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 50 mM Imidazole, 250 mM NaCl, pH 8.5.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.