

AR09449PU-L

Human MAX (1-160, His-tag) - Purified

Alternate names:

Myc-associated factor X

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

MAX is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. In contrast to Myc, which is highly regulated during progression through the cell cycle, Max is highly stable and is much more abundant than Myc.

Uniprot ID:

[P61244](#)

NCBI:

[NP_002373](#)

GeneID:

[4149](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol

Description:

Recombinant human MAX protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MSDNDIEVE SDEEQPRFQS AADKRAHHNA LERKRRDHIK DSFHSRLRDSV PSLQGEKASR
AQILDKATEY IQYMRKNHT HQQDIDDLKR QNALLEQQVR ALEKARSSAQ LQTNYPSSDN
SLYTNAKGST ISAFDGGSDS SSESEPEEPQ SRKKLRMEAS LEHHHHHH

Molecular weight: 19.3 kDa (168 aa)

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

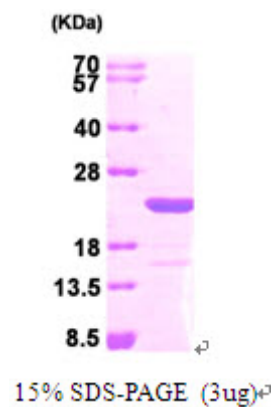
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Burbano HA., et al. (2010) Science. 328(5979):723-5.

Pictures:



Recombinant human MAX, 1-160 aa, His-tagged: 15% SDS-PAGE (3 ug)

