

MAX, 1-160aa, Human, His tag, E.coli

Cat.NO.: TP02919

3th Edition

Synonyms:MYC associated factor X, bHLHd4, bHLHd5, bHLHd6, bHLHd7, bHLHd8

Description: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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT,10% glycerol

Molecular Weight:19.3 kDa (168aa)

Sequences:

MSDNDDIEVESDEEQPRFQSAADKRAHHNALERKRRDHIKDSFHSLRDSVPSLQGEKASRAQILDKATEYIQYMRR
KNHTHQQDIDDLKRQNALLEQQVRALEKARSSAQLQTNYPSSDNSLYTNAKGSTISAFDGGSDSSSESEPEEPQS
RKKLRMEASLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.