

Recombinant Human MYC Associated Factor X, His-tagged

Cat. No. MAX-2365H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MAX protein, fused to His-tag at C-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. 19.3 kDa (168aa).
Species	Human
Source	<i>E.coli</i>
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	In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol.
Purity	> 90% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MSDNDDIEVE SDEEQPRFQS AADKRAHHNA LERKRRDHIK DSFHSLRDSV PS LQG EKASR AQILDKATEY IQYMRRKNHT HQQDIDDLKR QNALLEQQVR ALE KARSSAQ LQTNYPSSDN SLYTNAKGST ISAFDGGSDS SSESEPEEPQ SRK KLR MEAS LEHHHHHH.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

GENE INFORMATION

Gene Name MAX MYC associated factor X [Homo sapiens]

Synonyms MYC associated factor X; orf1; bHLHd4; bHLHd5; bHLHd6; bHLHd7; bHLHd8; MGC10775; MGC11225; MGC18164; MGC34679; MGC36767; MAX; protein max; myc-associated factor X; helix-loop-helix zipper protein; class D basic helix-loop-helix protein 4; MAX protein; Myc-associated factor X

Gene ID 4149

mRNA Refseq NM_002382

Protein Refseq NP_002373

MIM 154950

UniProt ID P61244

Chromosome Location 14q23

Pathway MAPK signaling pathway; Pathways in cancer; Small cell lung cancer

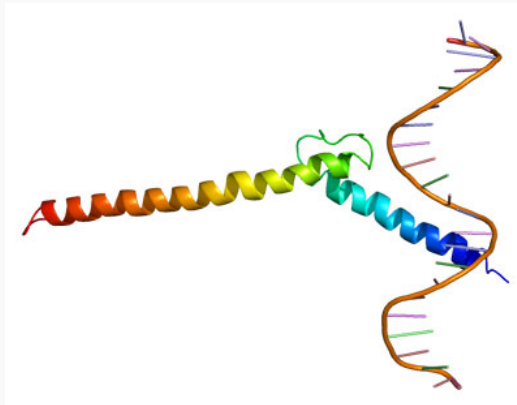
Function protein binding; protein heterodimerization activity; sequence-specific DNA binding; transcription coactivator activity; transcription cofactor activity; transcription factor activity

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