9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MAX Human

MYC Associated Factor X Human Recombinant
RCP1328

Product Overview

Name	MAX Human
Description	
MYC Associated Factor X Human Recombinant	
Accession (Primary)	P61244
Synonyms	
bHLHd4, bHLHd5, bHLHd6, bHLHd7, bHLHd8, MYC Associated Factor X, Class D basic helix-loop-helix protein 4, orf1, MGC10775, MGC11225, MGC18164, MGC34679, MGC36767, MAX Protein.	
Introduction	
MAX protein is part of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. MAX forms homodimers and heterodimers with Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms offers a complex system of transcriptional regulation. In contrast to Myc, which is exceedingly regulated throughout progression during the cell cycle, Max is very stable and is much more abundant than Myc.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
MAX Human solution containing 20mM Tris-HCl pH-8, 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MSDNDDIEVE SDEEQPRFQS AADKRAHHNA LERKRRDHIK DSFHSLRDSV PSLQGEKASR AQILDKATEY IQYMRRKNHT HQQDIDDLKR QNALLEQQVR ALEKARSSAQ LQTNYPSSDN SLYTNAKGST ISAFDGGSDS	

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SSESEPEEPQ SRKKLRMEAS LEHHHHHH .

Precautions

MAX Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P61244)