

MAX recombinant protein

MAX, 1-160aa, Human, His tag, E Coli

CATALOG # AAA11773	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

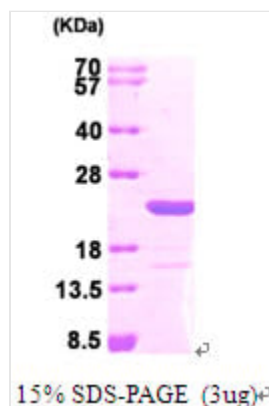
PRODUCT SYNONYMS

MAX; 1-160aa; Human; His tag; E Coli; MYC associated factor X; bHLHd4; bHLHd5; bHLHd6; bHLHd7; bHLHd8; MYC associated factor X Helix loop helix zipper protein; MAX protein; MGC10775; MGC11225; MGC18164; MGC34679; MGC36767; Myc associated factor X; Myc binding novel HLH/LZ protein; Orf 1; Orf1; Protein max.; MAX recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MSDNDDIEVE SDEEQPRFQS AADKRAHHNA LERKRRDHIK DSFHSLRDSV PSLQGEKASR AQILDKATEY IQYMRRKNHT HQQDIDDLKR QNALLEQQVR ALEKARSSAQ LQTNYPSSDN SLYTNAKGST ISAFDGGSDS SSESEPEEPQ SRKKLRMEAS LEHHHHHH
Sequence Length	160
Applicable Applications for MAX recombinant protein	SDS-PAGE
Preparation and 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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MAX recombinant protein	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. Recombinant human MAX protein, fused to His-tag at C-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for MAX recombinant protein	Transcription & Translation
References	Burbano HA., et al. (2010) Science. 328 (5979):723-5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21704261
NCBI GeneID	4149
NCBI Accession #	NP_002373
NCBI GenBank Nucleotide #	NM_002382.4
UniProt Accession #	P61244 ; P25912 ; P52163 ; Q14803 ; Q96CY8 ; A6NH73 ; A8K265 ; A8K4G4 ; A8K824
Molecular Weight	19.3 kDa (168aa), confirmed by MALDI-TOF
NCBI Official Full Name	protein max isoform a
NCBI Official Synonym Full Names	MYC associated factor X
NCBI Official Symbol	MAX
NCBI Official Synonym Symbols	bHLHd4
NCBI Protein Information	protein max
UniProt Protein Name	Protein max
UniProt Gene Name	MAX
UniProt Synonym Gene Names	bHLHd4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.