Recombinant Human Max-interacting protein 1 (MXI1)

Product Code	CSB-MP015254HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P50539
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MERVKMINVQ RLLEAAEFLE RRERECEHGY ASSFPSMPSP RLQHSKPPRR LSRAQKHSSG SSNTSTANRS THNELEKNRR AHLRLCLERL KVLIPLGPDC TRHTTLGLLN KAKAHIKKLE EAERKSQHQL ENLEREQRFL KWRLEQLQGP QEMERIRMDS IGSTISSDRS DSEREEIEVD VESTEFSHGE VDNISTTSIS DIDDHSSLPS IGSDEGYSSA SVKLSFTS
Source	Mammalian cell
Target Names	MXI1
Protein Names	Recommended name: Max-interacting protein 1 Short name= Max interactor 1 Alternative name(s): Class C basic helix-loop-helix protein 11 Short name= bHLHc11
Expression Region	1-228
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	Expression of the c-myc gene, which produces an oncogenic transcription factor, is tightly regulated in normal cells but is frequently deregulated in human cancers. This protein is a transcriptional repressor thought to negatively regulate MYC function, and is therefore a potential tumor suppressor. This protein inhibits the transcriptional activity of MYC by competing for MAX, another basic helix-loop-helix protein that binds to MYC and is required for its function. Defects in this gene are frequently found in patients with prostate tumors. Three alternatively spliced transcripts encoding different isoforms have been described. Additional alternatively spliced transcripts may exist but the products of these transcripts have not been verified experimentally.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.