



Recombinant Human Max dimerization protein 3 (MXD3)

Product Code	CSB-YP015252HU
Abbreviation	MXD3
Storage	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.
Uniprot No.	Q9BW11
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEPLASNIQV LLQAAEFLE REREAHEGYA SLCPHRSPGP IHRRKKRPPQ APGAQDSGRS VHNELEKRRR AQLKRCLERL KQQMPLGADC ARYTTLSELLR RARMHIQKLE DQEQRARQLK ERLRSKQSSL QRQLEQLRGL AGAAERERLR ADSLDSSGLS SERSDSDQEE LEVDVESLVF GGAEALLRGF VAGQEHSYSH GGGAWL
Source	Yeast
Target Names	MXD3
Protein Names	Recommended name: Max dimerization protein 3 Short name= Max dimerizer 3 Alternative name(s): Class C basic helix-loop-helix protein 13 Short name= bHLHc13 Max-associated protein 3 Max-interacting transcriptional repressor MA
Expression Region	1-206
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	This gene encodes a member of the Myc superfamily of basic helix-loop-helix leucine zipper transcriptional regulators. The encoded protein forms a heterodimer with the cofactor MAX which binds specific E-box DNA motifs in the promoters of target genes and regulates their transcription. Disruption of the MAX-MXD3 complex is associated with uncontrolled cell proliferation and tumorigenesis. Transcript variants of this gene encoding different isoforms have been described.
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.