



# Recombinant Human Max dimerization protein 3 (MXD3)

<b>Product Code</b>	CSB-EP015252HU-B
<b>Abbreviation</b>	MXD3
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9BW11
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEPLASNIQV LLQAAEFLE REREAHEGYA SLCPHRSPGP IHRRKKRPPQ APGAQDSGRS VHNELEKRRR AQLKRCLERL KQQMPLGADC ARYTTLSELLR RARMHIQKLE DQEQRARQLK ERLRSKQSSL QRQLEQLRGL AGAAERERLR ADSLDSSGLS SERSDSDQEE LEVDVESLVF GGAEALLRGF VAGQEHSYSH GGGAWL
<b>Source</b>	E.coli
<b>Target Names</b>	MXD3
<b>Protein Names</b>	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
<b>Expression Region</b>	1-206
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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

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