



Recombinant Mouse Max dimerization protein 1 (Mxd1)

Product Code	CSB-EP015251MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P50538
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MATAVGMNIQ LLEAADYLE RREREAHEGY ASMLPYSKDR DAFKRRNKPK KNSTSSRSTH NEMEKNRRAH LRLCLEKLGK LVPLGPSSR HTTLLSLLTKA KLHIKKLEDC DRKAVHQIDQ LQREQRHLKR RLEKLGGAERT RMDSVGSVVS SERSDSDREE LDVDVDVDVD VDVEGTDYLN GDLGWSSSVS DSDERGSMQS LGSDEGYSSA TVKRAKLQDG HKAGLGL
Source	E.coli
Target Names	Mxd1
Protein Names	Recommended name: Max dimerization protein 1 Short name= Max dimerizer 1 Alternative name(s): Protein MAD
Expression Region	1-227
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	MAX dimerization protein belongs to a subfamily of MAX-interacting proteins. This protein competes with MYC for binding to MAX to form a sequence-specific DNA-binding complex, acts as a transcriptional repressor (while MYC appears to function as an activator) and is a candidate tumor suppressor.
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.