



Recombinant *Klebsiella pneumoniae* Metallo-beta-lactamase type 2 (blaNDM-1)

Product Code	CSB-MP510513KBG
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.	C7C422
Product Type	Recombinant Protein
Immunogen Species	<i>Klebsiella pneumoniae</i>
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GEIRPTIGQQMETGDQRFGDLVFRQLAPNVWQHTSYLDMPGFGAVASNGLIV RDGGRVLVVDTAWTDDQTAQILNWIKQEINLPVALAVVTHAHQDKMGGMDAL HAAGIATYANALSNQLAPQEGMVAAQHSLTFAANGWVEPATAPNFGPLKVFY PGPGHTSDNITVGIDGTDIAFGGGLIKDSKAKSLGNLGDADTEHYAASARAFGA AFPKASMIVMSHSAPDSRAAITHTARMADKLR
Source	Mammalian cell
Target Names	blaNDM-1
Protein Names	Recommended name: Beta-lactamase NDM-1 Short name= NDM-1 EC= 3.5.2.6Alternative name(s): Metallo-beta-lactamase NDM-1
Expression Region	29-270aa
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 of Mature Protein
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.