



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

Product Code	CSB-YP510513KBG
Relevance	Confers resistance to many beta-lactam antibiotics, including some carbapens. Does not confer resistance to the polymixin colistin or the fluoroquinolone ciprofloxacin.
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
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Metallo-beta-lactamase NDM-1
Product Type	Recombinant Protein
Species	<i>Klebsiella pneumoniae</i>
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GEIRPTIGQQMETGDQRFGDLVFRQLAPNVWQHTSYLDMPGFGAVASNGLIV RDGGRVLVVDTAWTDDQTAQILNWIKQEINLPVALAVVTHAHQDKMGGMDAL HAAGIATYANALSNQLAPQEGMVAAQHSLSLTFANGWVEPATAPNFGPLKVFY PGPGHTSDNITVGIDGTDIAFGGCLIKDSKAKSLGNLGDADTEHYAASARAFGA AFPKASMIVMSHSAPDSRAAITHTARMADKLR
Source	Yeast
Gene 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	N-terminal 6xHis-tagged
Mol. Weight	27.6kDa
Protein Description	Full Length of Mature Protein