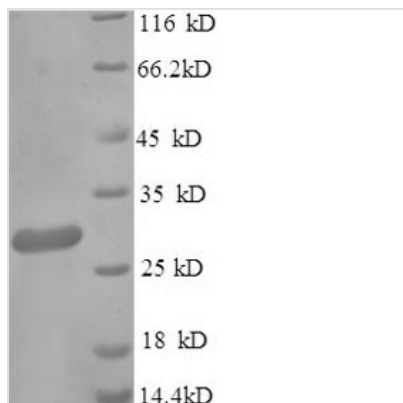


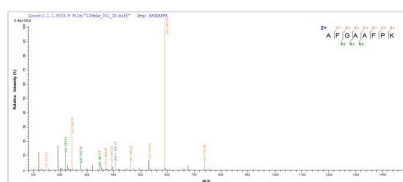


Recombinant *Klebsiella pneumoniae* Metallo-beta-lactamase type 2(blaNDM-1)

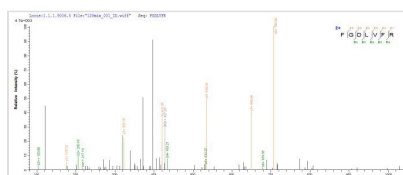
Product Code	CSB-EP510513KBG
Relevance	Confers resistance to many beta-lactam antibiotics, including some carbapens. Does not confer resistance to the polymixin colistin or the fluoroquinolone ciprofloxacin.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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	GEIRPTIGQQMETGDQRFGLVFRQLAPNVWQHTSYLDMPGFGAVASNGLIV RDGGRVLVVDTAWTDDQTAQILNWIKQEINLPVALAVVTHAHQDKMGGMDAL HAAGIATYANALSNQLAPQEGMVAAQHSLTFAANGWVEPATAPNFGPLKVFY PGPGHTSDNITVGIDGTDIAFGGCLIKDSKAKSLGNLGDADTEHYAASARAFGA AFPKASMIVMSHSAPDSRAAITHTARMADKLR
Source	E.coli
Gene Names	blaNDM-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-SUMO-tagged
Mol. Weight	41.6kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP510513KBG could indicate that this peptide derived from E.coli-expressed *Klebsiella pneumoniae* blaNDM-1.



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