

Klebsiella pneumoniae Beta-lactamase NDM-1 Recombinant Protein | blaNDM-1 recombinant protein

Recombinant Klebsiella pneumoniae Beta-lactamase NDM-1

CATALOG # AAA18648	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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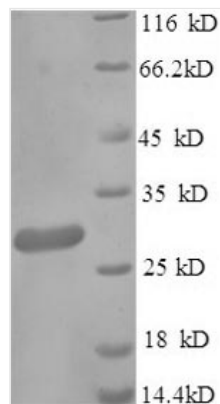
PRODUCT SYNONYMS

Klebsiella pneumoniae Beta-lactamase NDM-1; Recombinant Klebsiella pneumoniae Beta-lactamase NDM-1; Metallo-beta-lactamase NDM-1; blaNDM-1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-270aa; Full Length of Mature Protein
Sequence	GEIRPTIGQQ METGDQRFGD LVFRQLAPNV WQHTSYLDMP GFGAVASNGL IVRDGGRVLV VDTAWTDDQT AQILNWIQKE INLPVALAVV THAHQDKMGG MDALHAAGIA TYANALSNQL APQEGMVAAQ HSLTFAANGW VEPATAPNFG PLKVFPYGGP HTSDNITVGI DGTDIAFGGC LIKDSKAKSL GNLGDADTEH YAASARAFGA AFPKASMIVM SHSAPDSRAA ITHTARMADK LR
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for blaNDM-1 recombinant protein	Confers resistance to many beta-lactam antibiotics, including some carbapens. Does not confer resistance to the polymyxin colistin or the fluoroquinolone ciprofloxacin.
References	Characterization of a new metallo-beta-lactamase gene, bla(NDM-1), and a novel erythromycin esterase gene carried on a unique genetic structure in Klebsiella pneumoniae sequence type 14 from India.Yong D., Toleman M.A., Giske C.G., Cho H.S., Sundman K., Lee K., Walsh T.R.Antimicrob. Agents Chemother. 53:5046-5054(2009) Detection of Enterobacteriaceae isolates carrying metallo-beta-lactamase -United States, 2010.Limbago B., Kallen A.MMWR Morb. Mortal. Wkly. Rep. 59:750-750(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	490306043
NCBI GeneID	11934636
NCBI Accession #	WP_004201164.1
NCBI GenBank Nucleotide #	WP_004201164.1
UniProt Accession #	C7C422
Molecular Weight	27.6 kDa
NCBI Official Full Name	MULTISPECIES: subclass B1 metallo-beta-lactamase NDM-1
NCBI Official Symbol	PNDMMAR_p010
NCBI Protein Information	Metallo Beta Lactamase
UniProt Protein Name	Beta-lactamase NDM-1
UniProt Gene Name	blaNDM-1
UniProt Synonym Gene Names	NDM-1
UniProt Entry Name	BLAN1_KLEPN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/blandm-1-recombinant-protein-e-coli/18648>