

Beta-lactamase (NDM-1) Recombinant Protein | NDM-1 recombinant protein

Recombinant Acinetobacter baumannii Beta-lactamase (NDM-1), partial

CATALOG # AAA15920	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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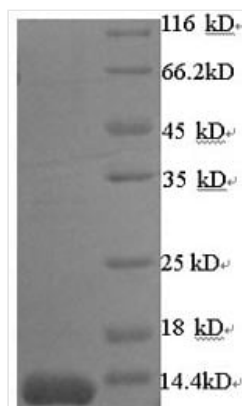
PRODUCT SYNONYMS

Beta-lactamase (NDM-1); Recombinant Acinetobacter baumannii Beta-lactamase (NDM-1); partial; NDM-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	164-222aa; Partial
Sequence	AANGWVEPAT APNFGPLKVF YPGPGHTSDN ITVGIDGTDI AFGGCLIKDS KAKSLGNLG
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

References	Molecular characterization of blaNDM-1 in an Acinetobacter baumannii strain isolated in Germany in 2007.Pfeifer Y., Wilharm G., Zander E., Wichelhaus T.A., Gottig S., Hunfeld K.P., Seifert H., Witte W., Higgins P.G.J. Antimicrob. Chemother. 66:1998-2001(2011) Characterization of a new metallo-beta-lactamase 1 gene (blaNDM-1) among clinical strains from Vietnam.Cao V., Hoang N.K.Q., Le H.T.D., Le T.L. Tn125-Related Acquisition of blaNDM-Like Genes in Acinetobacter baumannii.Poirel L., Bonnin R.A., Boulanger A., Schrenzel J., Kaase M., Nordmann P.Antimicrob. Agents Chemother. 56:1087-1089(2012) Dissemination of New Delhi metallo-?-lactamase-1-producing Acinetobacter baumannii in Europe.Bonnin R.A., Poirel L., Naas T., Pirs M., Seme K., Schrenzel J., Nordmann P.Clin. Microbiol. Infect. 18:E362-E365(2012) Molecular characteristics and epidemiology of a novel sequence type 435 Acinetobacter baumannii harbored blaNDM-1, blaIMP-1, blaOXA-23-like, tetA and tetB in China.Cao J., Liu J., Wu Q., Shu H., Zhang X., Li X., Bao Q., Zhou T. Molecular characteristics and Epidemiology of Novel Sequence Type 435 Acinetobacter baumannii harbored blaNDM-1, blaIMP-1, blaOXA-23-like, tetA and tetB in China.Cao J., Liu J., Wu Q., Shu H., Zhang X., Li X., Bao Q., Zhou T. Complete sequence of the blaNDM-1-carrying plasmid pNDM-AB from Acinetobacter baumannii of food animal origin.Zhang W.J., Lu Z., Schwarz S., Zhang R.M., Wang X.M., Si W., Yu S., Chen L., Liu S.J. Antimicrob. Chemother. 68:1681-1682(2013) blaNDM-1 context 1 from Acinetobacter baumannii CHI-45-1.Jones L.S., Toleman M.A., Weeks J.L., Kumarasamy K.K., Howe R.A., Walsh T.R. blaNDM-1 context 2 from Acinetobacter baumannii CHI-45-1.Jones L.S., Toleman M.A., Weeks J.L., Kumarasamy K.K., Howe R.A., Walsh T.R. Drug resistance of aerobic bacteria from puerperal infections in Bangladesh.Kobayashi N., Kawaguchiya M., Ahmed S. Complete genome sequence of Acinetobacter baumannii IOMTU433.Tada T., Shrestha S., Miyoshi-Akiyama T., Shimada K., Kirikae T. NDM-1-Producing Citrobacter freundii, Escherichia coli and Acinetobacter baumannii Identified from a Single Patient in China.Tian G.-B.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	490306043
NCBI GeneID	14971909
NCBI Accession #	WP_004201164.1
NCBI GenBank Nucleotide #	WP_004201164.1
UniProt Accession #	F8UNN7
Molecular Weight	22 kDa
NCBI Official Full Name	MULTISPECIES: subclass B1 metallo-beta-lactamase NDM-1
NCBI Official Symbol	blaNDM-1
NCBI Protein Information	New Delhi metallo-beta-lactamse 1
UniProt Protein Name	Beta-lactamase
UniProt Gene Name	NDM-1
UniProt Entry Name	F8UNN7_ACIBA

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.