

Beta-lactamase CTX-M-1 Recombinant Protein | bla recombinant protein

Recombinant Escherichia coli Beta-lactamase CTX-M-1

CATALOG # AAA18639	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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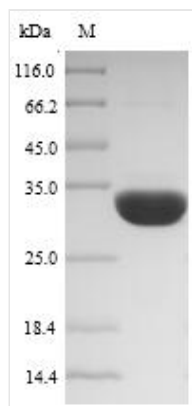
PRODUCT SYNONYMS

Beta-lactamase CTX-M-1; Recombinant Escherichia coli Beta-lactamase CTX-M-1; Beta-lactamase MEN-1Cefotaximase 1; bla 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	29-291aa; Full Length of Mature Protein
Sequence	QTADVQKLA ELERQSGGRL GVALINTADN SQILYRADER FAMCSTSKVM AVAAVLKKSE SEPNLLNQRV EIKKSDLVNY NPIAEKHVDG TMSLAELSAA ALQYSDNVAM NKLISHVGGP ASVTAFARQL GDETFRDLRT EPTLNTAIPG DPRDTTSPRA MAQTLRNLTG GKALGDSQRA QLVTWKMGNT TGAASIQAGL PASWVVGDKT GSGDYGTTND IAVIWPKDRA PLILVTYFTQ PQPKAESRRD VLASAAKIVT NGL
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 bla recombinant protein	Broad spectrum beta-lactamase which confers resistance to penicillins, as well as first, second and third-generation cephalosporins.
References	Sequences of beta-lactamase genes encoding CTX-M-1 (MEN-1) and CTX-M-2 and relationship of their amino acid sequences with those of other beta-lactamases. Bauernfeind A., Stemmlinger I., Jungwirth R., Casellas J.M. Antimicrob. Agents Chemother. 40:509-513(1996) Close amino acid sequence relationship between the new plasmid-mediated extended-spectrum beta-lactamase MEN-1 and chromosomally encoded enzymes of Klebsiella oxytoca. Barthelemy M., Peduzzi J., Bernard H., Tancrede C., Labia R. Biochim. Biophys. Acta 1122:15-22(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	502953497
NCBI GeneID	13909205
NCBI Accession #	WP_013188473.1
NCBI GenBank Nucleotide #	WP_013188473.1
UniProt Accession #	P28585
Molecular Weight	30.2 kDa
NCBI Official Full Name	MULTISPECIES: class A extended-spectrum beta-lactamase CTX-M-1
NCBI Official Symbol	D616_p79006
NCBI Protein Information	CTX-M-1
UniProt Protein Name	Beta-lactamase CTX-M-1
UniProt Gene Name	bla
UniProt Synonym Gene Names	men1
UniProt Entry Name	BLC1_ECOLX

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/bla-recombinant-protein-e-coli/18639>