

Beta-lactamase Recombinant Protein | ampC recombinant protein

Recombinant Pseudomonas aeruginosa Beta-lactamase (ampC)

CATALOG # AAA18707	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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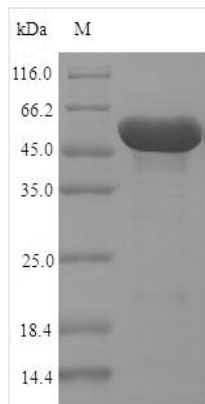
PRODUCT SYNONYMS

Beta-lactamase; Recombinant Pseudomonas aeruginosa Beta-lactamase (ampC); Cephalosporinase; ampC 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	27-397aa; Full Length of Mature Protein
Sequence	GEAPADRLKA LVDAAVQPVM KANDIPGLAV AISLKGEPHY FSYGLASKED GRRVTPETLF EIGSVSKTFT ATLAGYALTQ DKMRLLDDRAS QHWPALQGSF FDGSLDLA TYTAGGLPLQ FPDVQKQDA QIRDYYRQWQ PTYAPGSQRL YSNPSIGLFG YLAARSLGQP FERLMEQQVF PALGLEQTHL DVPEAALAQY AQGYGKDDRP LRVGPGLDA EGYGVKTSAA DLLRFVDANL HPERLDRPWA QALDATHRGY YKVGDMTQGL GWEAYDWPIS LKRLQAGNST PMALQPHRIA RLPAPQALEG QRLNKTGST NGFGAYYAFV PGRDLGLVIL ANRNYPNAER VKIAYAILSG LEQGGKVLK R
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	Cloning, sequencing and analysis of the structural gene and regulatory region of the Pseudomonas aeruginosa chromosomal ampC beta-lactamase.Lodge J.M., Minchin S.D., Piddock L.J.V., Busby S.J.W.Biochem. J. 272:627-631(1990) Complete genome sequence of Pseudomonas aeruginosa PAO1, an opportunistic pathogen.Stover C.K., Pham X.-Q.T., Erwin A.L., Mizoguchi S.D., Warrenner P., Hickey M.J., Brinkman F.S.L., Hufnagle W.O., Kowalik D.J., Lagrou M., Garber R.L., Goltry L., Tolentino E., Westbrook-Wadman S., Yuan Y., Brody L.L., Coulter S.N., Folger K.R., Kas A., Larbig K., Lim R.M., Smith K.A., Spencer D.H., Wong G.K.-S., Wu Z., Paulsen I.T., Reizer J., Saier M.H. Jr., Hancock R.E.W., Lory S., Olson M.V.Nature 406:959-964(2000) Two-dimensional polyacrylamide gel electrophoresis isolation and microsequencing of Pseudomonas aeruginosa proteins.Michea-Hamzehpour M., Sanchez J.-C., Epp S.F., Paquet N., Hughes G.J., Hochstrasser D.F., Pechere J.-C.Enzyme Protein 47:1-8(1993) Investigation of the Pseudomonas aeruginosa ampR gene and its role at the chromosomal ampC beta-lactamase promoter.Lodge J.M., Busby S.J.W., Piddock L.J.V.FEMS Microbiol. Lett. 111:315-320(1993)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15599305
NCBI GeneID	878149
NCBI Accession #	NP_252799.1
NCBI GenBank Nucleotide #	NC_002516.2
UniProt Accession #	P24735
Molecular Weight	56.7 kDa
NCBI Official Full Name	beta-lactamase
NCBI Official Symbol	ampC
NCBI Protein Information	beta-lactamase
UniProt Protein Name	Beta-lactamase
UniProt Gene Name	ampC
UniProt Entry Name	AMPC_PSEAE

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.