



Recombinant *Klebsiella oxytoca* Carbapenem-hydrolyzing beta-lactamase KPC (bla)

Product Code	CSB-MP802889KBE
Abbreviation	bla
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.	Q848S6
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	<i>Klebsiella oxytoca</i>
Purity	>85% (SDS-PAGE)
Sequence	LTNLVA EPFAKLEQDF GGSIGVYAMD TGSGATVSYR AEERFPLCSS FKGFLAAAVL ARSQQQAGLL DTPIRYGKNA LVPWSPISEK YLTTGMTVAE LSAAAVQYSD NAAANLLLKE LGGPAGLTAF MRSIGDITFR LDRWELELNS AIPGDARDTS SPRAVTESLQ KLTLGSALAA PQRQQFVDWL KGNTTGNHRI RAAVPADWAV GDKTGTGCVY GTANDYAVVW PTGRAPIVLA VYTRAPNKDD KHSEAVIAAA ARLALEGLGV NGQ
Source	Mammalian cell
Target Names	Name:blaSynonyms:kpc, kpc2
Protein Names	Recommended name: Carbapenem-hydrolyzing beta-lactamase KPC EC=3.5.2.6 Alternative name(s): Carbapenem-hydrolyzing beta-lactamase KPC-2
Expression Region	25-293
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.