



Recombinant *Klebsiella pneumoniae* Beta-lactamase SHV-1 (bla)

Product Code	CSB-YP364921KBG
Relevance	A beta-lactam + H ₂ O = a substituted beta-amino acid.
Abbreviation	Recombinant <i>Klebsiella pneumoniae</i> bla protein
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.	P0AD64
Alias	PIT-2
Product Type	Recombinant Protein
Immunogen Species	<i>Klebsiella pneumoniae</i>
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SPQPLEQIKLSESQLSGRVGMIEMDLASGRTLTAWRADERFPMMSTFKVVLC GAVLARVDAGDEQLERKIHQRQQDLVDYSPVSEKHLADGMTVGELCAAITM SDNSAANLLLATVGGPAGLTAFLRQIGDNVTRLDRWETELNEALPGDARDTTT PASMAATLRKLLTSQRLSARSQRQLLQWMVDDRVRVAGPLIRSVLPAGWFIADKT GAGERGARGIVALLGPNKAERIVVIYLRDTPASMAERNQQIAGIGAALIEHWQ R
Research Area	Others
Source	Yeast
Target Names	bla
Protein Names	Recommended name: Beta-lactamase SHV-1 EC= 3.5.2.6 Alternative name(s): PIT-2
Expression Region	22-286aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	30.9kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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