

Recombinant *Klebsiella Oxytoca* BLA Protein (25-293 aa), His-tagged

Cat. No. BLA-2234K **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant *Klebsiella Oxytoca* BLA Protein (25-293 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.

Species *Klebsiella Oxytoca*

Source Yeast

ProteinLength 25-293 aa

Description Hydrolyzes carbapenems, penicillins, cephalosporins and aztreonam with varying efficiency.

Form Tris-based buffer, 50% glycerol

Molecular Mass 30.5 kDa

AA Sequence

```
LTNLVAEPFAKLEQDFGGSIGVYAMDTGSGATVSYRAEERFPLCSSFKGFLAAAVLA
RSQQQAGLLDTPIRYGNALVPWSPISEKYLTTGMTVAELSAAAVQYSDNAAANLLL
KELGGPAGLTAFMRSIGDITFRLDRWELELNSAIPGDARDTSSPRAVTESLQKLTGLG
SALAAPQRQQFVDWLKGNTTGNHRIRAAVPADWAVGDKTGTCGVYGTANDYAVV
WPTGRAPIVLAVYTRAPNKDDKHSEAVIAAAAARLALGLGVNGQ
```

Purity > 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

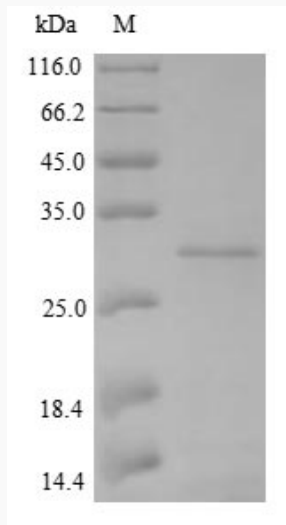
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	bla; Carbapenem-hydrolyzing beta-lactamase KPC-2;
UniProt ID	Q848S6



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



15% separation gel.

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