

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

Cat. No. BLA-1785K **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Klebsiella Oxytoca BLA Protein (25-293 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Klebsiella Oxytoca
Source	E.coli
ProteinLength	25-293 aa
Description	Hydrolyzes carbapenems, penicillins, cephalosporins and aztreonam with varying efficiency.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.5 kDa
AA Sequence	LTNLVAEPFAKLEQDFGGSIGVYAMDTGSGATVSYRAEERFPLCSSFKGFLAAAVLA RSQQQAGLLDTPIRYGKNALVPWSPISEKYLTGTMTVAELSAAAVQYSDNAAANLLL KELGGPAGLTAFMRSIGDTTFRLLDRWELELNSAIPGDARDTSSPRAVTESLQKLTLG SALAAPQRQQFVDWLKGNTTGNHRIRAAVPADWAVGDKTGTCGVYGTANDYAVV WPTGRAPIVLAVYTRAPNKDDKHSEAVIAAAAARLALGLEGLGVNGQ
Purity	> 90% as determined by SDS-PAGE.

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

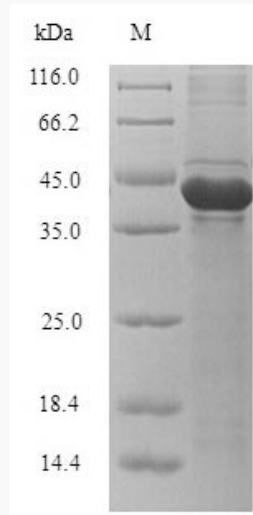
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 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 with reconstitution instruction is sent along with the products.

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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