

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

### SPECIFICATION

<b>Cat.No.</b>	BLA-1785K
<b>Species</b>	<i>Klebsiella Oxytoca</i>
<b>Product Name</b>	Recombinant <i>Klebsiella Oxytoca</i> BLA Protein (25-293 aa), His-SUMO-tagged
<b>Product Overview</b>	Recombinant <i>Klebsiella Oxytoca</i> BLA Protein (25-293 aa) is produced by <i>E. coli</i> expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
<b>Description</b>	Hydrolyzes carbapenems, penicillins, cephalosporins and aztreonam with varying efficiency.
<b>Source</b>	<i>E. coli</i>
<b>Tag</b>	His/SUMO
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	44.5 kDa
<b>Protein length</b>	25-293 aa
<b>AA Sequence</b>	LTNLVAEPPFAKLEQDFGGSIGVYAMDTGSGATVSYRAEERFPLCSSFKGFLAAAVLAR RSQQQAGLLDTPIRYGNALVPWSPISEKYLTTGMTVAELSAAAVQYSDNAAANLLLK ELGGPAGLTAFMRSIGDITFRLDRWELELNSAIPGDARDTSSPRAVTESLQKLTGSA LAAPQRQQFVDWLKGNNTGNHRIRAAVPADWAVGDKTGTCGVYGTANDYAVVWPT GRAPIVLAVYTRAPNKDDKHSEAVIAAAAARLALGLEGLGVNGQ
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	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.

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<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products.
<b>Synonyms</b>	bla; Carbapenem-hydrolyzing beta-lactamase KPC-2;
<b>UniProt ID</b>	<a href="#">Q848S6</a>
<b>Figure 1</b>	BLA-1785K, 1.jpg
<b>Figure Note 1</b>	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.