Recombinant BlaR-carboxy-terminal domain (Rec. BlaR-CTD)

P-1004 Recombinant BlaR-carboxy-terminal domain from B. licheniformis (Rec. BlaR-CTD (Bl))

The recombinant BlaR-carboxy-terminal domain from B. licheniformis (Rec. BlaR-CTD (Bl)) is a soluble form derived from B. licheniformis (a.a. 346-601 of GenBank accession no: P12287) with a N-terminal 6-his tag. It is expressed in bacteria and purified using Ni-affinity chromatography. It has a m.w. of approximately 30 kDa. Its purity is 98-99% based on SDS-PAGE analysis.

The Rec. BlaR-CTD (Bl) is functional in binding beta lactam including penicillins and cefalosporins as determined by ELISA, and lateral flow-based assay. It can be used as binding/capturing receptor in assays designed to quantitatively or semi-quantitatively measure beta lactam, such as competitive ELISA or immunochromatograph-based lateral flow.

Cat #	Product Name	Unit*	Price	Detail	Order
P-1004-0.2 mg	Rec. BlaR-carboxy-terminal domain from B. licheniformis (Rec. BlaR-CTD (Bl))	0.2 mg	$450.00	**	Order
P-1004-1 mg	Rec. BlaR-carboxy-terminal domain from B. licheniformis (Rec. BlaR-CTD (Bl))	1 mg	$1450.00	**	Order

* Please inquire for quotations for larger amounts
** Datasheet is available upon request.

P-1005 Recombinant BlaR-carboxy-terminal domain from S. aureus (Rec. BlaR-CTD (Sa))

The recombinant BlaR-carboxy-terminal domain from S. aureus (Rec. BlaR-CTD (Sa)) is a soluble form derived from S. aureus (a.a. 330-585 of GenBank accession no: ZP_03566207)) with a N-terminal 6-his tag. It is expressed in bacteria and purified using Ni-affinity chromatography. It has a m.w. of approximately 31 kDa. Its purity is 98-99% based on SDS-PAGE analysis.

The Rec. BlaR-CTD (Sa) is functional in binding beta lactam including penicillins and cefalosporins as determined by ELISA, and lateral flow-based assay. It can be used as binding/capturing receptor in assays designed to quantitatively or semi-quantitatively measure beta lactam, such as competitive ELISA or immunochromatograph-based lateral flow.

In addition, the Rec. BlaR-CTD (Sa) is specifically recognized by mouse anti-BlaR monoclonal antibodies of Clone BCA BCA1-1 (cat #: A-2003-1), Clone BCA1-8 (cat #: A-2003-2), and Clone BCA12-15 (cat #: A-2003-3), respectively, as determined by ELISA and lateral flow-based assay.

Cat #	Product Name	Unit*	Price	Detail	Order
P-1005-0.2mg	Rec. BlaR-carboxy-terminal domain from S. aureus (Rec. BlaR-CTD (Sa))	0.2 mg	$450.00	**	Order
P-1005-1 mg	Rec. BlaR-carboxy-terminal domain from S. aureus (Rec. BlaR-CTD (Sa))	1 mg	$1450.00	**	Order

* Please inquire for quotations for larger amounts
** Datasheet is available upon request.