For research purposes only, not for human use

Product Data Sheet

beta-Lactamase

Catalog #	Source	Reactivity	Applications
CZM1188	Microorganism		

Description	Recombinant beta-Lactamase from Microorganism
Specificity	beta-Lactamase I >50 U/mg powder; beta-Lactamase II >10 U/mg powder
Form	White to tan lyophilized powder
Alternative Names	EC 3.5.2.6; penicillinase; cephalosporinase; neutrapen; penicillin beta-lactamase; exopenicillinase; ampicillinase; penicillin amido-beta-lactamhydrolase; penicillinase I, II; beat-lactamase I-III; beat-lactamase A, B, C; beat-lactamase AME I; cephalosporin-beat-lactamase
CAS Number	9073-60-3
Molecular Weight	
Purity	>90%
Unit Definition	One unit is defined as the amount of enzyme will hydrolyze 1 micromole substrate (beta-I: benzylpenicillin; beta-II: cephalosporin C) in 50 mM phosphate buffer, containing 10 µM zinc chloride per min at pH 7.0, 25°C.
Storage/Stability	Shipped at 4°C. Store at -20°C for 2 years.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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