For research purposes only, not for human use

Product Data Sheet

D-alanine-D-alanine Ligase

Catalog #	Source	Reactivity	Applications
CZM1201	Microorganism		

Description	Recombinant D-alanine-D-alanine Ligase from Microorganism
Specificity	>20 U/mg protein, >1 U/mg powder
Form	White to light gray lyophilized powder
Alternative Names	EC 6.3.2.4; alanine:alanine ligase (ADP-forming); alanylalanine synthetase; D-Ala-D-Ala synthetase; D-alanylalanine synthetase; D-alanyl-D-alanine synthetase
CAS Number	9023-63-6
Molecular Weight	
Purity	>90%
Unit Definition	One unit is defined as the amount of enzyme will form 1 micromole D-Ala-D-Ala from D-Ala and ATP per minute.
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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