

Product Data Sheet

Acylase I

Catalog #	Source	Reactivity	Applications
CZM1131	Porcine kidney		
Description	Native Acylase I from Porcine kidney		
Specificity	>2000 U/mg protein, >200 U/mg powder		
Form	White lyophilized powder		
Alternative Names	EC 3.5.1.14; aminoacylase 1; aminoacylase I; benzamidase; dehydropeptidase II; hippuricase; histozyne; N-acyl-L-amino-acid amidohydrolase		
CAS Number	9012-37-7		
Molecular Weight			
Purity	>90%		
Unit Definition	One unit is defined as the amount of enzyme will hydrolyze 1 micromole N-acetyl-L-methionine per hour 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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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