For research purposes only, not for human use

Product Data Sheet

Cyanophycinase

Catalog #	Source	Reactivity	Applications
CZM1199	Microorganism		

Description	Recombinant Cyanophycinase from Microorganism
Specificity	>30 U/mg protein, >10 U/mg powder
Form	White lyophilized powder
Alternative Names	EC 3.4.15.6; cyanophycin degrading enzyme; b-Asp-Arg hydrolysing enzyme; CGPase; CphB; CphE; cyanophycin granule polypeptidase; extracellular CGPase
CAS Number	131554-16-0
Molecular Weight	
Purity	>90%
Unit Definition	One unit is defined as the amount of enzyme will release 1 micromole beta-aspartylarginine dipeptides from a cyanophycin substrate 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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