For research purposes only, not for human use

Product Data Sheet

Pectate Lyase

Catalog #	Source	Reactivity	Applications
CZM1185	Microorganism		

Description	Recombinant Pectate Lyase from Microorganism
Specificity	>100 U/mg protein, >10 U/mg powder
Form	White lyophilized powder
Alternative Names	EC 4.2.2.2; polygalacturonic transeliminase; pectic acid transeliminase; polygalacturonate lyase; endopectin methyltranseliminase; pectate transeliminase; endogalacturonate transeliminase; pectic acid lyase; pectic lyase; a-1,4-D-endopolygalacturonic acid lyase; PGA lyase; PPase-N; endo-a-1,4-polygalacturonic acid lyase; polygalacturonic acid lyase; pectin trans-eliminase; Polygalacturonic acid trans-eliminase
CAS Number	9015-75-2
Molecular Weight	
Purity	>90%
Unit Definition	One unit is defined as the amount of enzyme will release 1 micromole galacturonic acid (or reducing sugar equivalent) from polygalacturonic acid (2.5 mg/mL) in Tris-HCl buffer (50 mM) per min at pH 8.0, 40°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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