



## Enzyme Pectin lyase

**Systematic name** (1→4)-6-O-methyl- $\alpha$ -D-galacturonan lyase

**IUBMB nomenclature** Pectin lyase

**CAS number** 9033-35-6

**IUBMB number** EC 4.2.2.10

**EC number** 232-894-5

**Synonyms**

- pectin trans-eliminase; endo-pectin lyase; polymethylgalacturonic transeliminase; pectin methyltranseliminase; pectolyase; PL; PNL; PMGL

**Properties** Eliminative cleavage of (1→4)- $\alpha$ -D-galacturonan methyl ester to give oligosaccharides with 4-deoxy-6-O-methyl- $\alpha$ -D-galact-4-enuronosyl groups at their non-reducing ends.