

## Macerozyme R-10

Cat # NB-42-01571-5g      size: 5g

Cat # NB-42-01571-10g    size: 10g

### Product description

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A mixture of pectinase, cellulase and hemicellulase

### Product Information

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<b>CAS Number</b>	9032-75-1
<b>MDL Number</b>	MFCD00131809
<b>Appearance:</b>	Slightly pale reddish yellow powder
<b>Density:</b>	1.226 g/cm
<b>Titer:</b>	1500 units per gram
<b>Storage temp.</b>	2-8°C

### Solubility

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water: 1 mg/mL

### Applications

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Useful in isolating intact cells and protoplasts from higher plants. Note: 1 KU = 1000 units.  
One unit is a measure of the macerating activity on potato tuber disks as determined by loss of weight at 40°C, pH 5.0

### References

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1. Shi, H., et al. 2003. Plant Cell 15, 19.
2. Gomez-Maldonado, J., et al. 2001. Plant Mol. Biol. Reporter 19, 361.
3. Takebe, I. 1968. Plant Cell Physiol. 9, 115.

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