

## Pronase E

### Product Information

<b>Cat#</b>	DIA-493
<b>Source</b>	Streptomyces griseus
<b>Description</b>	Catalyzes the cleavage of peptide bonds in proteins, exhibiting strong proteolytic activity. Effectively hydrolyzes fibrin and mucin substrates.
<b>Optimum pH</b>	7.0–8.0
<b>Optimum temperature</b>	35–40 °C
<b>Unit Definition</b>	One unit of non-specific protease activity is defined as the amount of enzyme required to release 1 µmol of tyrosine per minute from casein under the assay conditions of pH 7.5 at 40 °C, as determined by Folin-positive amino acids and peptides.
<b>Storage</b>	-20 °C
<b>Appearance</b>	White or slightly brown powder
<b>Molecular Weight</b>	20000–60000 Da
<b>Concentration</b>	7000 U/g