

Pronase E

Product Information

Cat#	DIA-493
Source	Streptomyces griseus
Description	Catalyzes the cleavage of peptide bonds in proteins, exhibiting strong proteolytic activity. Effectively hydrolyzes fibrin and mucin substrates.
Optimum pH	7.0–8.0
Optimum temperature	35–40 °C
Unit Definition	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.
Storage	-20 °C
Appearance	White or slightly brown powder
Molecular Weight	20000–60000 Da
Concentration	7000 U/g