

Product Datasheet

Pepsinogen I (PGI/PGA), Human Stomach 440-50

Product Name	Pepsinogen I (PGI/PGA), Human Stomach
Catalog Number	440-50
Alternative Names	Pepsinogen A, PG I, PGA, Pepsinogen 1
Brand	Lee Biosolutions
Form/Appearance	Lyophilized White to off-white powder
Concentration	Reported mg protein/vial (A_{280nm} , $E^{0.1\%}=1.48$)
Storage	-20 °C
Purity	≥ 90% (SDS-PAGE)
Source	Human Gastric Mucosa
Molecular Weight	40300
Shelf Life	3 years
Biological Activity	≥ 500 U/mg protein (After activation)
Unit Definition	One unit will produce a change in A_{280} of 0.001 per minute at pH 2.0 and 37°C, measured as TCA-soluble products from hemoglobin.