

## Product Datasheet

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

<b>Product Name</b>	Pepsinogen I (PGI/PGA), Human Stomach
<b>Catalog Number</b>	440-50
<b>Alternative Names</b>	Pepsinogen A, PG I, PGA, Pepsinogen 1
<b>Brand</b>	Lee Biosolutions
<b>Form/Appearance</b>	Lyophilized White to off-white powder
<b>Concentration</b>	Reported mg protein/vial ( $A_{280nm}$ , $E^{0.1\%}=1.48$ )
<b>Storage</b>	-20 °C
<b>Purity</b>	≥ 90% (SDS-PAGE)
<b>Source</b>	Human Gastric Mucosa
<b>Molecular Weight</b>	40300
<b>Shelf Life</b>	3 years
<b>Biological Activity</b>	≥ 500 U/mg protein (After activation)
<b>Unit Definition</b>	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.