

## Product Datasheet

### Prostatic Acid Phosphatase (PAP/ACP), Human 475-20

<b>Product Name</b>	Prostatic Acid Phosphatase (PAP/ACP), Human
<b>Catalog Number</b>	475-20
<b>Alternative Names</b>	ACP, PAP, Acid Phos, 5'-nucleotidase, 5'-NT, Ecto-5'-nucleotidase, Thiamine monophosphatase, TMPase, PAPf39
<b>Brand</b>	Lee Biosolutions
<b>Form/Appearance</b>	Liquid Cloudy, straw colored liquid
<b>Concentration</b>	≥ 1.0 mg protein/mL (Coomassie)
<b>Storage</b>	-20 °C
<b>Purity</b>	Partially Purified
<b>CAS Number</b>	9001-77-8
<b>Source</b>	Human Semen
<b>Molecular Weight</b>	100000
<b>Shelf Life</b>	2 Years
<b>Biological Activity</b>	≥ 200 U/mL (Dimension® Clinical Chemistry System)
<b>Specific Activity</b>	Typically ≥ 25 U/mg protein
<b>Unit Definition</b>	One unit will catalyze the hydrolysis of one micromole of alpha-naphthyl phosphate to alpha-naphthol and phosphate per minute at pH 5.3 and 37°C