

## Product Datasheet

### Acid Phosphatase, Prostatic (ACP/PAP) 475-32

<b>Product Name</b>	Acid Phosphatase, Prostatic (ACP/PAP)
<b>Catalog Number</b>	475-32
<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
<b>Concentration</b>	Reported in mg protein/mL (Coomassie)
<b>Storage</b>	-20°C
<b>Purity</b>	≥ 98% (SDS-PAGE)
<b>Source</b>	Human Prostatic Fluid (Semen)
<b>Molecular Weight</b>	~100,000
<b>Biological Activity</b>	≥ 200 U/mL (Dimension® Clinical Chemistry System)
<b>Specific Activity</b>	Reported in U/mg protein (Coomassie)
<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