

Product Datasheet

Prostatic Acid Phosphatase (PAP/ACP), Human - High Purity 475-31

Product Name	Prostatic Acid Phosphatase (PAP/ACP), Human - High Purity
Catalog Number	475-31
Alternative Names	ACP, PAP, Acid Phos, 5'-nucleotidase, 5'-NT, Ecto-5'-nucleotidase, Thiamine monophosphatase, TMPase, PAPf39
Brand	Lee Biosolutions
Form/Appearance	Lyophilized White to off-white powder
Concentration	≥ 0.2 mg protein/mg (Coomassie)
Storage	-20 °C
Purity	$\geq 98\%$ (SDS-PAGE)
CAS Number	9001-77-8
Source	Human Semen
Molecular Weight	~100,000
Shelf Life	3 years
Biological Activity	≥ 100 U/mg (Dimension® Clinical Chemistry System)
Content	≤ 0.01 $\hat{1}$ / ₄ mole/mg solid
Specific Activity	Report in U/mg protein
Unit Definition	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