



Recombinant Human Prostatic Acid Phosphatase/ACPP Protein(C-6His)

Cat.NO.: TP05997

3th Edition

Synonyms:Prostatic Acid Phosphatase; PAP; 5'-Nucleotidase; 5'-NT, Ecto-5'-Nucleotidase; Thiamine Monophosphatase; TMPase; ACPP

Description:Prostatic Acid Phosphatase (PAP) belongs to the histidine acid phosphatase family. PAP can catalyze the hydrolysis of member of phosphate monoesters, including phosphorylated protein. PAP can high expression in metastasized prostate cancer, moderately expression level in bone diseases, blood cell disease, and the concentration of PAP is used to monitor and assess the proession of prostate cancer. The optimum PH of PAP is from 4 to 6; its activity can be inhibited by L(+)-tartrate.

Form:PBS

Molecular Weight:42.0 kDa

Sequences:Lys33-Asp386

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.