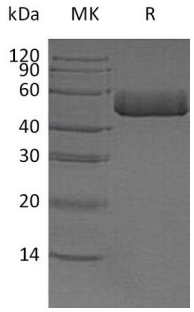
Product Name: Recombinant Human ACPP (C-6His)
Catalog #: PHH1379

Summary

Name	Prostatic Acid Phosphatase/ACPP
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Prostatic Acid Phosphatase is produced by our Mammalian expression system and the target gene encoding Lys33-Asp386 is expressed with a 6His tag at the C-terminus.
Accession #	AAH16344.1
Host	Human Cells
Species	Human
Predicted Molecular Mass	42.01 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Prostatic Acid Phosphatase; PAP; 5-Nucleotidase; 5-NT; Ecto-5-Nucleotidase; Thiamine Monophosphatase; TMPase; ACPP
Background	Prostatic Acid Phosphatase (PAP) belongs to the histidine acid phosphatase family. PAP can catalyze the hydrolysis of member of phosphate monoestyers, 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.

Note

For Research Use Only , Not for Diagnostic Use.