

Product datasheet for **TP720354M**

Prostatic Acid Phosphatase (ACPP) (NM_001099) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acid phosphatase, prostate (ACPP), transcript variant 1
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Lys33-Asp386
Tag:	C-His
Predicted MW:	42.0 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001090
Locus ID:	55
UniProt ID:	P15309
Cytogenetics:	3q22.1
Synonyms:	5'-NT; ACP-3; ACP3
Summary:	This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been found for this gene. This isoform contains a transmembrane domain and is localized in the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq, Sep 2008]
Protein Families:	Druggable Genome, Phosphatase, Transmembrane



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Protein Pathways: Riboflavin metabolism

Product images:

