Recombinant Human ACPP protein, Arginine-tagged

Cat. No. ACPP-150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ACPP protein fused with 11 arginine domain at C-terminal, which efficiently delivery protein intracellularly, was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	KELKFVTLVFRHGDRSPIDTFPTDPIKESSWPQGFGQLTQLGMEQHYELGEYIRKRY RKFLNESYKHEQVYIRST DVDRTLMSAMTNLAALVPPEGVSIWNPILLWQPIPVHTV PLSEDQLLYLPFRNCPRFQELESETLKSEEFQKRLH PYKDFIATLGKLSGLHGQDLF GIWSKVYDPLYCESVHNFTLPSRATEDTMTKLRELSELSLLSLYGIHKQKEKSR LQG GVLVNEILNHMKRATQIPSYKKLIMYSAHDTTVSGLQMALDVYNGLLPPYASCHLTEL YFEKGEYFVEMYYR NETQHEPYPLMLPGCSPSCPLERFAELVGPVIPQDWSTECM TTNSHQLEESGGGGSPGRRRRRRRRRR
Purity	>90% by SDS-PAGE
Applications	1. Human prostate specific tumor antigen.2. Immunogen for specific antibody production.
Storage	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days.

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GENE INFORMATION

Gene Name	ACPP acid phosphatase, prostate [Homo sapiens]
Official Symbol	ACPP
Synonyms	ACPP; acid phosphatase, prostate; prostatic acid phosphatase; ACP 3; ACP3; TMPase; 5-nucleotidase; ecto-5-nucleotidase; thiamine monophosphatase; PAP; 5-NT; ACP-3;
Gene ID	55
mRNA Refseq	NM_001099
Protein Refseq	NP_001090
MIM	171790
UniProt ID	P15309
Chromosome Location	3q21-qter
Pathway	Riboflavin metabolism, organism-specific biosystem; Riboflavin metabolism, conserved biosystem;
Function	5-nucleotidase activity; acid phosphatase activity; hydrolase activity;

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