

PRODUCT INFORMATION

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| Target | ACPP |
| Synonyms | 5'-NT;ACP-3;ACP3 |
| Description | Recombinant human ACPP protein with C-terminal human Fc tag |
| Delivery | Under development |
| Uniprot ID | P15309 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | ACPP(Lys33-Asp386) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 74.47 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | 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] |
| Usage | Research use only |
| Conjugate | Unconjugated |

