

HUMAN ACP3 PROTEIN, HFC TAG

Cat.#: 11661

Product Name: Human ACP3 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: 5'-NT;ACP-3;ACP3

Target: ACP3

UNIPROT ID: P15309

Description: Recombinant human ACP3 protein with C-terminal human Fc tag

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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 74.47 kDa after removal of the signal peptide.

Molecular Characterization: ACP3(Lys33-Asp386) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.