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32-18335: Human APLN Protein, hFc Tag

Uniprot ID: Q9ULZ1
Alternative Name: APEL;XNPEP2

Description

Description: Recombinant human APLN Protein with C-terminal human Fc tag

Background: This gene encodes a peptide that functions as an endogenous ligand for the G-protein coupled apelin receptor. The encoded preproprotein is proteolytically processed into biologically active C-terminal peptide fragments. These peptide fragments activate different tissue specific signaling pathways that regulate diverse biological functions including fluid homeostasis, cardiovascular function and insulin secretion. This protein also functions as a coreceptor for the human immunodeficiency virus 1.

Molecular Characterization: mass of 32.3 kDa after removal of the signal peptide. The apparent molecular mass of APLN-hFc is approximately 25-55 kDa due to glycosylation.

Tag: C-Human Fc Tag

Product Info

Amount: 50 μg / 100 μg

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

staining.

Content: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before

lyophilization.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

Storage condition: for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

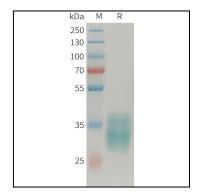


Figure 1. Human APLN Protein, hFc Tag on SDS-PAGE under reducing condition.