

## 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.

**Storage condition :** 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.

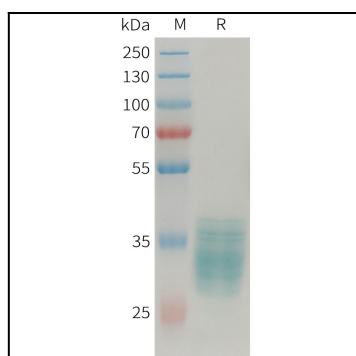


Figure 1. Human APLN Protein, hFc Tag on SDS-PAGE under reducing condition.