

32-18123: Recombinant Human LRP6 Protein, His Tag

Uniprot ID : O75581

Alternative Name : ADCAD2; STHAG7

Description

Molecular Characterization: LRP6(Ala20-Ala1370) 6Å—His tag

Molecular weight: The protein has a predicted molecular mass of 153.1 kDa after removal of the signal peptide. The apparent molecular mass of LRP6-His is approximately 130-250 kDa due to glycosylation.

Description: Recombinant Human LRP6 Protein with C-terminal 6Å—His tag

This gene encodes a member of the low density lipoprotein (LDL) receptor gene family. LDL receptors are transmembrane cell surface proteins involved in receptor-mediated endocytosis of lipoprotein and protein ligands. The protein encoded by this gene functions as a receptor or, with Frizzled, a co-receptor for Wnt and thereby transmits the canonical Wnt/beta-catenin signaling cascade. Through its interaction with the Wnt/beta-catenin signaling cascade this gene plays a role in the regulation of cell differentiation, proliferation, and migration and the development of many cancer types. This protein undergoes gamma-secretase dependent RIP- (regulated intramembrane proteolysis) processing but the precise locations of the cleavage sites have not been determined.

Product Info

Amount : 100 µg / 50 µg

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.