

PRODUCT INFORMATION

LRP5 **Target**

HBM; LR3; OPS; EVR1; EVR4; LRP7; OPPG; BMND1; LRP-5; LRP-7; OPTA1; PCLD4; VBCH2 **Synonyms**

Recombinant human LRP5 Protein with N-terminal **Description**

human Fc tag

Delivery In Stock 075197 **Uniprot ID Expression Host** HFK293

Tag N-Human Fc tag

Molecular

Storage & Shipping

Background

Purity

hFc(Glu99-Ala330) LRP5(Glu644-Gln1263) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 95.9 kDa after removal of the signal peptide.

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

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions.

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.

This gene encodes a transmembrane low-density lipoprotein receptor that binds and internalizes ligands in the process of receptor-mediated endocytosis. This protein also acts as a co-receptor with Frizzled protein family members for transducing signals by Wnt proteins and was originally cloned on the basis of its association with type 1 diabetes mellitus in humans. This protein plays a key role in skeletal homeostasis

and many bone density related diseases are caused by mutations in this gene. Mutations in this gene also cause familial exudative vitreoretinopathy. Alternative splicing results in

multiple transcript variants. [provided by RefSeq,

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Usage Research use only

Conjugate Unconjugated





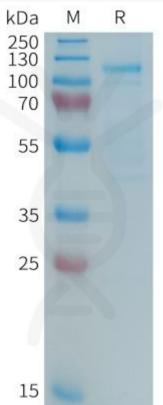


Figure 1. Human LRP5 Protein, hFc Tag on SDS-PAGE under reducing condition.

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