Recombinant Human LRG1(P133S) Protein

Catalog No.: RP01986

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Sequence Information

Species
Human

Gene ID
116844

Swiss Prot
P02750

Tags
C-6His

Synonyms
LRG1, LRG,Leucine-rich alpha-2-glycoprotein, LRG

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
35.16 kDa

Observed MW
45-55 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Diabetic nephropathy (DN) is an important public health concern of increasing proportions and the leading cause of end-stage renal disease (ESRD) in diabetic patients. It is one of the most common long-term microvascular complications of diabetes mellitus that is characterized by proteinuria and glomerular structural changes. LRG1 is a novel pro-angiogenic factors involved in the abnormal angiogenesis and renal fibrosis in DN.

Basic Information

Description
Recombinant Human LRG1(P133S) Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Vla36-Gln347 （Pro133Ser）) of Human LRG1(P133S) (Accession #NP_443204.1) fused with His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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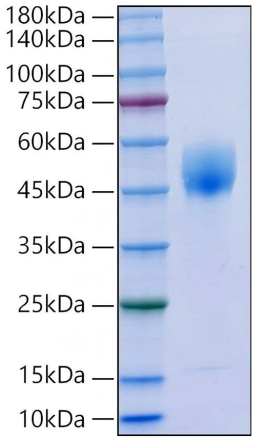
Validation Data



Recombinant Human LRG1(P133S) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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