

## Recombinant Human LRG1 protein(Met1-Gln347), hFc-tagged

Cat. No. LRG1-3998H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LRG1 (AAH34389.1) (Met1-Gln347) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gln347
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human LRG1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 553 amino acids and has a predicted molecular mass of 61.3 kDa. The apparent molecular mass of the protein is approximately 65-75 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** LRG1 leucine-rich alpha-2-glycoprotein 1 [ Homo sapiens ]

**Official Symbol** LRG1

**Synonyms** LRG1; leucine-rich alpha-2-glycoprotein 1; leucine-rich alpha-2-glycoprotein; leucine rich alpha 2 glycoprotein; LRG; 1300008B03Rik; 2310031E04Rik; HMFT1766; FLJ45787;

**Gene ID** 116844

**mRNA Refseq** NM\_052972

**Protein Refseq** NP\_443204

**MIM** 611289

**UniProt ID** P02750

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