

Recombinant Human LRG1 protein(Met1-Gln347)

Cat. No. LRG1-330H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRG1 (AAH34389.1) (Met1-Gln347) was expressed in HEK293 with six amino acids (LEVLFQ) at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln347
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human LRG1 is a disulfide-linked homodimer. The reduced monomer comprises 319 amino acids and has a predicted molecular mass of 35.1 kDa. The apparent molecular mass of the protein is approximately 45 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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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