

Recombinant Mouse Lrg1 Protein, His-tagged

Cat. No. Lrg1-1747M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lrg1 Protein (Leu37-Leu342) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu37-Leu342
Description	Enables transforming growth factor beta receptor binding activity. Acts upstream of or within several processes, including brown fat cell differentiation; positive regulation of endothelial cell proliferation; and positive regulation of transforming growth factor beta receptor signaling pathway. Located in extracellular space. Is expressed in pancreas mesenchyme. Orthologous to human LRG1 (leucine rich alpha-2-glycoprotein 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.1 kDa Accurate Molecular Mass: 37 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Lrg1 leucine-rich alpha-2-glycoprotein 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Lrg1](#)

Synonyms

LRG1; leucine-rich alpha-2-glycoprotein 1; leucine-rich alpha-2-glycoprotein; Lrg; Lrhg; 1300008B03Rik; 2310031E04Rik; MGC102387;

Gene ID

[76905](#)

mRNA Refseq

[NM_029796](#)

Protein Refseq

[NP_084072](#)

UniProt ID

[Q91XL1](#)

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