

Recombinant Human LRG1 protein, His-tagged

Cat. No. LRG1-3999H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRG1 protein(P02750)(Val36-Gln347), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Val36-Gln347
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human LRG1, His Tag at 0.5ug/ml (100ul/Well) on the plate. Dose response curve for Anti-LRG1 Antibody, hFc Tag with the EC50 of 5.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 35.4 kDa. Due to glycosylation, the protein migrates to 48-52 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

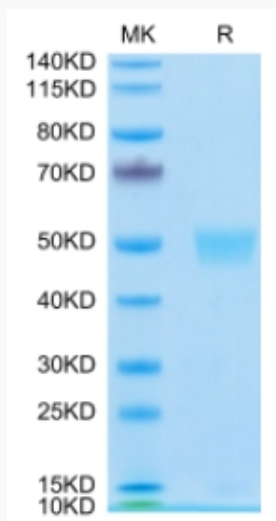
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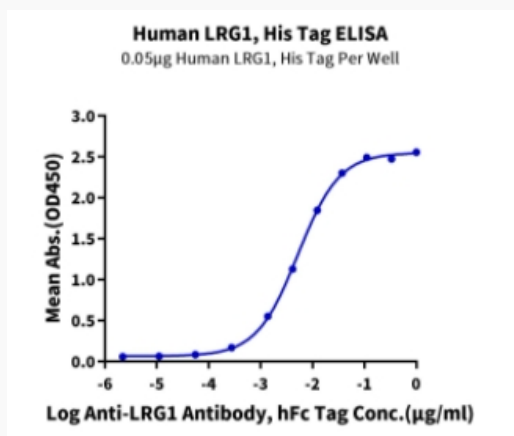
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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