



# Recombinant Protein Technical Manual

## Recombinant Human LRG1 Protein

RPES3994

### Product Data:

**Product SKU:** RPES3994

**Size:** 20µg

**Species:** Human

**Expression host:** HEK293 Cells

**Uniprot:** AAH34389.1

### Protein Information:

**Molecular Mass:** 35.1 kDa

**AP Molecular Mass:**

**Tag:**

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg of the protein as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from sterile PBS, pH 7.4

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Leucine-rich alpha-2-glycoprotein;HMFT1766; LRG; LRG1

## Immunogen Information:

**Sequence:** Met 1-Gln347

## Background:

LRG1 belongs to the leucine-rich repeat (LRR) family. Members of this family are involved in protein-protein interaction, signal transduction, and cell adhesion and development. LRG1 is expressed during granulocyte differentiation. It contains 4 LIM zinc-binding domains and 1 Rho-GAP domain.