



Recombinant Protein Technical Manual

Recombinant Human LRG1 Protein (His Tag)

RPES1395

Product Data:

Product SKU: RPES1395

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P02750

Protein Information:

Molecular Mass: 35.3 kDa

AP Molecular Mass: 50 kDa

Tag: C-6His

Bio-activity:

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

Endotoxin: < 1.0 EU per µg 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 a 0.2 µm filtered solution of 20mM Tris, 20mM NaCl, pH 7.5.

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

Application:

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

Immunogen Information:

Sequence: Val36-Gln347

Background:

Leucine-rich alpha-2-glycoprotein is a secreted protein and contains 8 LRR (leucine-rich) repeats and 1 LRRCT domain. The leucine-rich repeat (LRR) family of proteins, including LRG1, have been shown to be involved in protein-protein interaction, signal transduction, and cell adhesion and development. LRG1 is expressed during granulocyte differentiation. Levels of the LRG protein are markedly elevated in acute appendicitis and therefore could be used as a diagnostic aid.