



Recombinant Protein Technical Manual

Recombinant Human LRG1 Protein (Fc & His Tag)

RPES3345

Product Data:

Product SKU: RPES3345

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P02750

Protein Information:

Molecular Mass: 62.3 kDa

AP Molecular Mass: 75 kDa

Tag: C-Fc-6His

Bio-activity:

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

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

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris, 200mM NaCl, 10% Glycerol, pH 8.0.

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:

LRG1 is a secreted protein and contains eight LRR repeats and one LRRCT domain, It can be expressed during granulocyte differentiation. LRG1 has been shown to be involved in protein-protein interaction, signal transduction, cell adhesion and development. Levels of the LRG protein are markedly elevated in acute appendicitis and therefore could be used as a diagnostic aid.