Cow LRG1
(Leucine rich alpha 2 glycoprotein-1)

Catalog No.   9040

Analysis   SDS PAGE: Major ~50 kDa band on Laemmli reducing gels.

Purity   ≥95%

Concentration   0.5 – 2.5 mg/ml (Abs 0.1% at 280 nm = 0.731)

Buffer   150 mM NaCl, 10 mM sodium phosphate, 0.09% NaN₃, pH 7.2

Storage   -20 to -80°C. Avoid repeated freeze-thaws

Source   Cow acute-phase serum

The polypeptide chain of cow LRG1 has a molecular weight of 34,522 Da. It is moderately glycosylated and migrates on reducing SDS PAGE gels as a major band of ~50 kDa. In humans, LRG1 is an acute phase protein. It is upregulated in the serum of patients suffering from various diseases including ovarian cancer, Kawasaki disease and rheumatoid arthritis.