



Recombinant Protein Technical Manual

Recombinant Human LGALSL Protein (His Tag)

RPES4716

Product Data:

Product SKU: RPES4716

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q3ZCW2

Protein Information:

Molecular Mass: 20.0 kDa

AP Molecular Mass: 18 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: 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, 100mM NaCl, pH 8.0.

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

Application:

Synonyms: Galectin-Related Protein; Lectin Galactoside-Binding-Like Protein; LGALSL; GRP; HSPC159

Immunogen Information:

Sequence: Ala2-Ser172

Background:

Galectin-Related Protein (LGALSL) is a 172 amino acid protein that contains one Galectin domain. LGALSL does not appear to bind carbohydrates or lactose as the critical residues required for binding are not conserved. LGALSL may play a significant role in stimulating smooth muscle growth in developing alveolar wall vessels and the development of pulmonary capillaries.