



Recombinant Protein Technical Manual

Recombinant Human CLUL1 Protein (His Tag)

RPES0733

Product Data:

Product SKU: RPES0733

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q15846

Protein Information:

Molecular Mass: 50.1 kDa

AP Molecular Mass: 59 kDa

Tag: C-6His

Bio-activity:

Purity: > 90 % 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,150mM NaCl,pH8.0.

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

Application:

Synonyms: Clusterin-Like Protein 1; Retinal-Specific Clusterin-Like Protein; CLUL1

Immunogen Information:

Sequence: Ala21-Ala442

Background:

Clusterin-Like Protein 1 (CLUL1) is a secreted protein that belongs to the clusterin family. CLUL1 is synthesized as a 466 amino acid precursor that contains a 20 amino acid signal sequence, and a 446 amino acid mature chain. CLUL1 is expressed predominantly by cone photoreceptors of the retina. It has been shown that CLUL1 expression is down-regulated in some forms of retinal disease.