

Recombinant Human Clusterin (C-Fc-6His)

Catalog No: CX33

Description	Recombinant Human Clusterin is produced by our Mammalian expression system and the target gene encoding Asp23-Glu449 is expressed with a Fc, 6His tag at the C-terminus.
Source	<i>Human Cells</i>
Alternative name	Clusterin; Aging-Associated Gene 4 Protein; Apolipoprotein J; Apo-J; Complement Cytolysis Inhibitor; CLI; Complement-Associated Protein SP-40; 40; Ku70-Binding Protein 1; NA1/NA2; Testosterone-Repressed Prostate Message 2; TRPM-2; CLU; APOJ; CLI;
Accession No.	P10909
Predicted Molecular Weight	78kDa
Apparent Molecular Weight	38&75&105-120kDa, reducing conditions.
Quality Control	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Background	Clusterin is a secreted protein which belongs to the Clusterin family. Clusterin is expressed in adult testis, heart, ovary, adrenal gland, brain and liver. Clusterin has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. In addition, Clusterin is up/ down regulated on the mRNA or protein level in many pathological and clinically relevant situations including cancer, organ regeneration, infection, Alzheimer disease, retinitis pigmentosa, myocardial infarction, renal tubular damage, autoimmunity and others.

SDS-PAGE

