

Recombinant Human Clusterin/ApoJ Protein (Fc & His Tag)

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by Elabscience

Catalog Number: PKSH032261

Note: Centrifuge before opening to ensure complete recovery of vial contents.

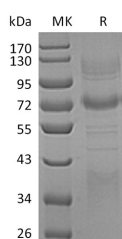
Description

Synonyms	Clusterin; Aging-Associated Gene 4 Protein; Apolipoprotein J; Apo-J; Complement Cytolysis Inhibitor; CLI; Complement-Associated Protein SP-40; Ku70-Binding Protein 1; NA1/NA2; Testosterone-Repressed Prostate Message 2; TRPM-2; CLU; AP OJ; CLI; KUB1; AAG4; APO-J; CLU1; CLU2; NA1/NA2; SGP-2; SGP2; SP-40
Species	Human
Expression Host	HEK293 Cells
Sequence	Asp23-Glu449
Accession	P10909
Calculated Molecular Weight	78.0 kDa
Observed molecular weight	33-45&60-85 kDa
Tag	C-Fc-His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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 PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

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.

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