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

Catalog No. PKSH032261

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

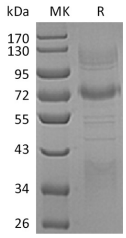
Description

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;APOJ;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
Bioactivity	Not validated for activity

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℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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% Tween 80 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.

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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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