

# Recombinant Human Clusterin/ApoJ Protein (aa 23-449, His Tag)



Catalog Number:PKSH032260

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

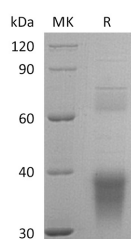
## Description

<b>Synonyms</b>	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
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Asp23-Glu449
<b>Accession</b>	P10909
<b>Calculated Molecular Weight</b>	51.1 kDa
<b>Observed molecular weight</b>	28-40 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, 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.
<b>Reconstitution</b>	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.

## For Research Use Only

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