

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

Catalog Number: PKSH032260

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

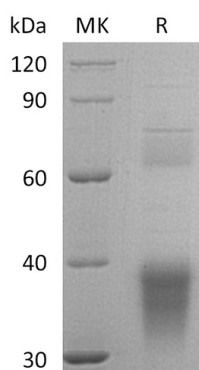
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human Clusterin; ApoJ protein Asp23-Glu449, with an C-terminal His
<b>Calculated MW</b>	51.1 kDa
<b>Observed MW</b>	28-40 kDa
<b>Accession</b>	P10909
<b>Bio-activity</b>	Not validated for activity

### 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% Tween 80 are added as protectants before lyophilization.
<b>Reconstitution</b>	Please refer to the specific buffer information in the printed manual. 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