

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

Catalog Number: PKSH032261

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

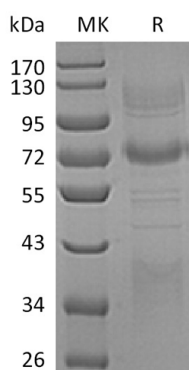
Description

Species	Human
Source	HEK293 Cells-derived Human Clusterin; ApoJ protein Asp23-Glu449, with an C-terminal Fc & His
Calculated MW	78.0 kDa
Observed MW	33-45&60-85 kDa
Accession	P10909
Bio-activity	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 °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% 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.

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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