

Recombinant Human clusterin Protein, His&Flag tagged

Cat. No. CLU-266H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human Clusterin protein (P10909-1) (Asp 23-Glu 449) with both His and Flag tag at the C-terminus was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-449aa
Description	Clusterin (apolipoprotein J) is a 75-80 kDa disulfide-linked heterodimeric protein associated with the clearance of cellular debris and apoptosis. In humans, clusterin is encoded by the CLU gene on chromosome 8. CLU is a molecular chaperone responsible for aiding protein folding of secreted proteins, and its three isoforms have been differentially implicated in pro- or antiapoptotic processes. Through this function, CLU is involved in many diseases related to oxidative stress, including neurodegenerative diseases, cancers, inflammatory diseases, and aging.
Tag	C-His&Flag
Molecular Mass	52.7 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 µg/mL in sterile water.
GENE INFORMATION	
Gene Name	CLU clusterin [Homo sapiens (human)]
Official Symbol	CLU
Synonyms	CLU; clusterin; APOJ, CLI, clusterin (complement lysis inhibitor, SP 40,40, sulfated glycoprotein 2, testosterone repressed prostate message 2, apolipoprotein J); apolipoprotein J; complement lysis inhibitor; KUB1; SGP 2; SP 40; sulfated glycoprotein 2; testosterone repressed prostate message 2; TRPM 2; ku70-binding protein 1; aging-associated protein 4; complement cytolysis inhibitor; complement-associated protein SP-40,40; testosterone-repressed prostate message 2; CLI; AAG4; APOJ; SGP2; APO-J; SGP-2; SP-40; TRPM2; TRPM-2; NA1/NA2; MGC24903;
Gene ID	1191
mRNA Refseq	NM_001831
Protein Refseq	NP_001822
MIM	185430

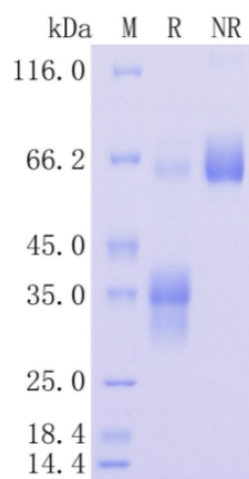
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UniProt ID P10909

**Protein on SDS-
PAGE under
reducing (R) and Non
Reducing condition.**



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