

Recombinant Mouse Clu Protein, MYC/DDK-tagged

Cat. No. Clu-040M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse clusterin (Clu), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a secreted chaperone that can, under some stress conditions, also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. The encoded preproprotein undergoes proteolytic processing to generate a disulfide-linked heterodimeric mature protein comprised of alpha and beta subunits. Mice lacking the encoded protein exhibit increased severity of autoimmune myocarditis, faster progression of the acute inflammation to myocardial scarring and decreased brain injury following neonatal hypoxic-ischemic injury.
Molecular Mass	51.7 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 ug/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Clu clusterin [*Mus musculus* (house mouse)]

Official Symbol Clu

Synonyms Clu; clusterin; Cli; ApoJ; Sgp2; SP-40; Sgp-2; Sugg-2; AI893575; D14Ucla3; clusterin; Apolipoprotein J; clustrin; complement lysis inhibitor; sulfated glycoprotein 2; testosterone repressed prostate message; testosterone repressed prostate message-2

Gene ID 12759

mRNA Refseq NM_013492

Protein Refseq NP_038520

UniProt ID Q06890

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