

## ApoJ/Clusterin, mouse recombinant

<b>CATALOG #:</b>	7554-10	10 µg
	7554-50	50 µg
<b>ALTERNATE NAMES:</b>	TRPM-2, Apolipoprotein J, APO-J, CLI, CLU, SGP-2, AAG4, KUB1, SGP2, SP-40, TRPM2, MGC24903.	
<b>SOURCE:</b>	E. coli	
<b>PURITY:</b>	≥ 90% by SDS-PAGE gel	
<b>MOL. WEIGHT:</b>	~45 kDa (SDS-PAGE). Mouse nuclear Clusterin (aa 22-448) is fused at the C-terminus to a His-tag.	
<b>ENDOTOXIN LEVEL:</b>	<1 EU/µg by LAL method	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	1 mg/ml of 0.2 µm-filtered solution in 55 mM Tris-Cl, pH 8.2, containing 150 mM NaCl.	
<b>STORAGE CONDITIONS:</b>	Prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles.	

**DESCRIPTION:** Native Apolipoprotein J (ApoJ), also named Clusterin, is a heavily glycosylated, 75-80 kDa disulfide-linked heterodimeric protein. Despite being cloned since 1989, no genuine function has been attributed to ApoJ so far. The protein has been reportedly implicated in several diverse physiological processes such as sperm maturation, lipid transportation, complement inhibition, tissue remodeling, membrane recycling, cell-cell and cell-substratum interactions, stabilization of stressed proteins in a folding-competent state and promotion or inhibition of apoptosis. ApoJ gene is differentially regulated by cytokines, growth factors and stress-inducing agents. Clusterin is up- or 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.

**RELATED PRODUCTS:**

- ApoJ / Clusterin, human recombinant (**7584-10, -50, -1000**)
- Human CellExp™ ApoJ / Clusterin, human recombinant (**7459-10, -50**)
- ApoJ / Clusterin, human plasma (**4325-10, -500**)
- ApoJ / Clusterin Antibody (NT) (**6758-100**)
- Apolipoprotein CI, Human Plasma (**Cat # 4703-100**)
- Apolipoprotein CII, Human Plasma (**Cat # 4704-50**)
- Apolipoprotein CIII, Human Plasma (**Cat # 4706-100**)

**FOR RESEARCH USE ONLY! Not to be used in humans.**