

ApoJ/Clusterin, mouse recombinant protein

TRPM-2, Apolipoprotein J, APO-J, CLI, CLU, SGP-2, AAG4, KUB1, SGP2, SP-40, TRPM2, MGC24903.

Catalog # PBV11163r

Specification

ApoJ/Clusterin, mouse recombinant protein - Product info

Primary Accession	Q06890
Concentration	1
Calculated MW	~45 kDa (SDS-PAGE). Mouse nuclear Clusterin (aa 22-448) is fused at the C-terminus to a His-tag. KDa

ApoJ/Clusterin, mouse recombinant protein - Additional Info

Gene ID	12759
Gene Symbol	CLU
Other Names	
TRPM-2, Apolipoprotein J, APO-J, CLI, CLU, SGP-2, AAG4, KUB1, SGP2, SP-40, TRPM2, MGC24903.	

Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Target/Specificity	
ApoJ/Clusterin	

Format

Liquid

Storage

-20°C; 1 mg/ml of 0.2 µm-filtered solution in 55 mM Tris-Cl, pH 8.2, containing 150 mM NaCl.

ApoJ/Clusterin, mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ApoJ/Clusterin, mouse recombinant protein - Images

ApoJ/Clusterin, mouse recombinant protein - Background

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.

ApoJ/Clusterin, mouse recombinant protein - References

Lee K.-H.,et al.Biochem. Biophys. Res. Commun. 194:1175-1180(1993).
French L.E.,et al.J. Cell Biol. 122:1119-1130(1993).
Jordan-Starck T.C.,et al.J. Lipid Res. 35:194-210(1994).
Hodgdon B.A.,et al.Submitted (NOV-1992) to the EMBL/GenBank/DDBJ databases.
McLaughlin L.,et al.J. Clin. Invest. 106:1105-1113(2000).