

Recombinant Mouse Clu protein, His-tagged

Cat. No. Clu-3302M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Clu protein(NP_038520.2)(Met1-Glu448), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-448 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The full length of recombinant mouse CLU comprises 438 amino acids and has a calculated molecular mass of 50.8 kDa. The apparent molecular mass of the recombinant protein is approximately 32, 42 and 65 kDa in SDS-PAGE under reducing conditions, corresponding to the cleaved β chain, α chain and the full length respectively.
Proteinlength	Met1-Glu448
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	> 96 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Clu clusterin [*Mus musculus*]

Official Symbol Clu

Synonyms CLU; clusterin; apo-J; clustrin; Apolipoprotein J; sulfated glycoprotein 2; complement lysis inhibitor; testosterone repressed prostate message; testosterone repressed prostate message-2; Cli; ApoJ; Sgp2; SP-40; Sgp-2; Sugg-2; A1893575; D14Ucla3;

Gene ID 12759

mRNA Refseq NM_013492

Protein Refseq NP_038520

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